

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF DELAWARE**

**DIGI PORTAL LLC,**

Plaintiff,

v.

**MARRIOTT INTERNATIONAL, INC.,**

Defendant.

C.A. NO. \_\_\_\_\_

**JURY TRIAL DEMANDED**

**PATENT CASE**

**ORIGINAL COMPLAINT FOR PATENT INFRINGEMENT**

Plaintiff Digi Portal LLC files this Original Complaint for Patent Infringement against Marriott International, Inc. and would respectfully show the Court as follows:

**I. THE PARTIES**

1. Plaintiff Digi Portal LLC (“Digi Portal” or “Plaintiff”) is a Texas limited liability company with its principal place of business at 101 E. Park Blvd, Suite 600, Plano, Texas 75074.

2. On information and belief, Defendant Marriott International, Inc. (“Defendant”) is a corporation organized and existing under the laws of Delaware, with a place of business at 10400 Fernwood Road, Bethesda, MD 20817. Defendant has a registered agent at The Corporation Trust Company, Corporation Trust Center, 1209 Orange St., Wilmington, DE 19801.

**II. JURISDICTION AND VENUE**

3. This action arises under the patent laws of the United States, Title 35 of the United States Code. This Court has subject matter jurisdiction of such action under 28 U.S.C. §§ 1331 and 1338(a).

4. On information and belief, Defendant is subject to this Court’s specific and general personal jurisdiction, pursuant to due process and the Delaware Long-Arm Statute, due

at least to its business in this forum, including at least a portion of the infringements alleged herein. Furthermore, Defendant is subject to this Court's specific and general personal jurisdiction because Defendant is a Delaware corporation.

5. Without limitation, on information and belief, within this state, Defendant has used the patented inventions thereby committing, and continuing to commit, acts of patent infringement alleged herein. In addition, on information and belief, Defendant has derived revenues from its infringing acts occurring within Delaware. Further, on information and belief, Defendant is subject to the Court's general jurisdiction, including from regularly doing or soliciting business, engaging in other persistent courses of conduct, and deriving substantial revenue from goods and services provided to persons or entities in Delaware. Further, on information and belief, Defendant is subject to the Court's personal jurisdiction at least due to its sale of products and/or services within Delaware. Defendant has committed such purposeful acts and/or transactions in Delaware such that it reasonably should know and expect that it could be haled into this Court as a consequence of such activity.

6. Venue is proper in this district under 28 U.S.C. § 1400(b). On information and belief, Defendant is incorporated in Delaware. Under the patent venue analysis, Defendant resides only in this District. On information and belief, from and within this District Defendant has committed at least a portion of the infringements at issue in this case.

7. For these reasons, personal jurisdiction exists and venue is proper in this Court under 28 U.S.C. § 1400(b).

**III. COUNT I**  
**(PATENT INFRINGEMENT OF UNITED STATES PATENT NO. 8,352,854)**

8. Plaintiff incorporates the above paragraphs herein by reference.

9. On January 8, 2013, United States Patent No. 8,352,854 (“the ‘854 Patent”) was duly and legally issued by the United States Patent and Trademark Office. The ‘854 Patent is titled “Dynamic Page Generator.” The ‘854 patent is not subject to a terminal disclaimer and its term is extended under 35 U.S.C. 154(b) by 1270 days. (Ex. A). A true and correct copy of the ‘854 Patent is attached hereto as Exhibit A and incorporated herein by reference.

10. Digi Portal is the assignee of all right, title and interest in the ‘854 patent, including all rights to enforce and prosecute actions for infringement and to collect damages for all relevant times against infringers of the ‘854 Patent. Accordingly, Digi Portal possesses the exclusive right and standing to prosecute the present action for infringement of the ‘854 Patent by Defendant.

11. The application leading to the ‘854 patent is a continuation of U.S. application Ser. No. 11/656,636, filed Jan. 22, 2007, which is a continuation of U.S. application Ser. No. 09/393,718, filed Sep. 10, 1999, which is a continuation of U.S. application Ser. No. 08/873,975, filed Jun. 12, 1997. (Ex. A at cover). The ‘854 patent was first assigned to Yahoo! Inc. (*Id.*).

12. The invention in the ‘854 Patent relates to the field of customized information presentation on the web; more specifically, providing customized pages that are quickly served and scalable to handle many users simultaneously. (*Id.* at col. 1:26-30).

13. Web servers for serving static web pages were well known in the global Internet. (*Id.* at col. 1:31-32). Such static web pages are useful in many applications whether the information presented to each requesting user is the same. (*Id.* at col. 1:32-34). However, some applications require customization to appeal to users. (*Id.* at col. 1:34-35). One example is presenting news to users. (*Id.* at col. 1:35-37). When static pages are used, a user will often have to scroll through many topics not of interest to that user to get to the information of interest.

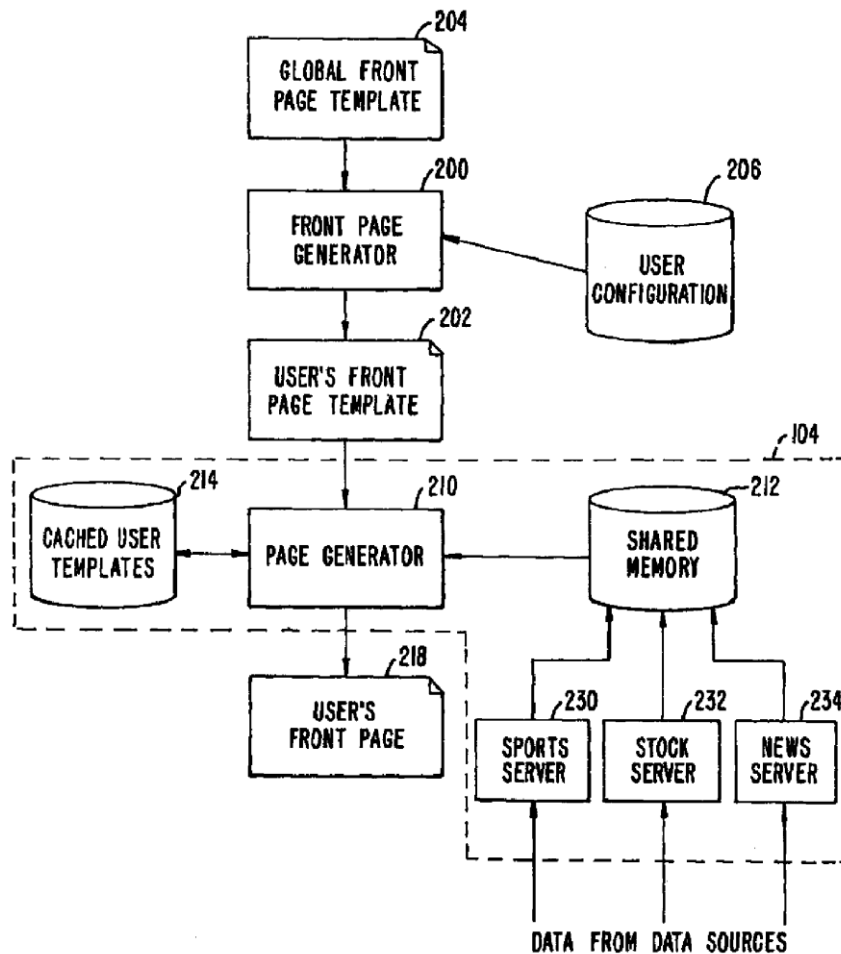
(*Id.* at col. 1:37-40). However, when presenting news to users, customized web pages present news that is more relevant to the requesting user than static pages because the information is filtered according to each user's interest. (*Id.* at col. 1:35-37, 40-41).

14. Customizing a server response based on the requester is known; however, known systems do not scale well. (*Id.* at col. 1:42-43). One method of serving custom pages is to execute a script, such as a Common Gateway Interface (CGI) script or other program to collect the information necessary to generate the custom page. (*Id.* at col. 1:43-47). For example, if the custom page is a news page containing stock quotes, sports scores and weather, the script might poll a quote server to obtain the quotes of interest, poll a sports score server to obtain the scores of interest and poll a weather server to obtain the weather. (*Id.* at col. 1:47-51). With this information, the server generates the custom page and returns it to the user. (*Id.* at col. 1:51-52). This approach is only useful where there are not many requesters and where the attendant delay associated with polling various servers to obtain the requested information is acceptable to users. (*Id.* at col. 1:53-54). Growing impatience with waiting will turn users away from such servers, especially as use increases. (*Id.* at col. 1:54-58).

15. One approach that was used in the prior art to avoid long waits is to transfer the custom information in non-real-time, so that the information is stored local to the user as it arrives and is presented to the user on request. (*Id.* at col. 1:59-62). A disadvantage of such a system is that the networks used by the user become clogged with data continually streaming to the user and require large amounts of local storage. (*Id.* at col. 1:62-65). Another disadvantage is that the locally stored information will become out of date as the server receives new data. (*Id.* at col. 1:65-67).

16. The inventors therefore recognized that there was a need to dynamically generate customized pages in an unconventional manner that solved the technical problems in the prior art of long transfer times to obtain the requested information or having to rely on continually transferring custom information in non-real time which can clog the data network in addition to providing outdated information. (*Id.* at col. 1:42 to col. 2:2).

17. The following is a discussion of non-limiting examples of the claimed invention discussed in the specification of the '854 patent. The '854 patent provides a non-limiting exemplary diagram of the generation of a custom page for a user, using a front-page generator (200) and page server (104) (*Id.* at col. 3:58-60):



(Ex. A at Fig. 2). Front page generator (200) generates a user template (202) from a global front page template (204) and a user configuration record (206). (*Id.* at col. 3:58-62). A non-limiting example of a global front page template is provided in the '854 patent:

```

<html>
<head>
<title>My Yahoo! news summary for <!-- login --></title>
</head>
<body>

<center>
<!-- banner:sum -->

<!-- ad -->
<!-- nav bar --> 302
</center>

<table border=1 cellpadding=4 cellspacing=0 width=100%>
<tr><td align=center valign=top width="1%">
<!-- leftside:nsum --> 302

<p></td>
<td align=center valign=top width="100%">
<!-- mode bar:"FRONT PAGE" -->
<!-- channel:nsum --> 302

</td></tr>
</table>

<center>
<table border=1 cellpadding=2 cellspacing=0 width=100%>
<!-- motd:motn.html -->
</table>
</center>
<!-- search -->

<!-- copyright:sum -->

</body>
</html>

```

204

(Ex. A at Fig. 3). The global user template (204) is an HTML (HyperText Markup Language) document with additional tags as placeholders for live data. (*Id.* at col. 5:16-19). Several placeholders (302) are shown in the code. (*Id.* at col. 5:19).

18. A user configuration record (206) is a record selected from user configuration database (116). (*Id.* at col. 3:63-64). User configuration information includes user demographic information, such as sex, age, location, stock quotes, favorite sports teams, news topics, etc. (*Id.*

at col. 2:13-14, col. 5:45-50, col. 6:37-39, 46-48, 52-56). The user configuration information in the example may not change until the user changes his or her preferences. (*Id.* at col. 5:33-35).

19. The '854 patent provides an illustration of a user template (202) as might be generated from global user template (204) and a user configuration record (206):

202

404 {

```

<!-- timezone:-8,PT 0 -->
<!-- ad:M,85,95035,T,* 792 -->
<!-- portfolio:Quotes,pf_1,1,^DJI,^NYA,^IXIC,^SPX,^XAX,YHOO,NSCP,IOM,NSCP,YHOO
2836 -->
<!--
scoreboard:NCAAFSSC,NHLSAN,MLSSAN,NCAAFSSS,ALOAK,NBAGSW,NFLOAK,NCAAFCCD,NFLSFO
,NLSFO 3803 -->
<!-- weather:f,30901,uk_londo,94601,95101 4368 -->
<!--
mode_bar:"FRONT_PAGE",.hier=News+Summary%3aEdit&.done=http://my.yahoo.com/news
/summary2:3,rt,rw,z0000,mlb,re,vf 4597 -->
<!-- motd:us_motn.html 4696 -->
<html>
<head>
<title>My Yahoo! news summary for ash802</title>
</head>
<body>

...

</body>
</html>

```

(Ex. A at Fig. 4). The user template is unique because it is built based on user demographic information provided by the user, as opposed to generically chosen dynamic information or based on information provided by the server. Exemplary demographic information is shown in line 2 of Fig. 4 ("M,85,95035,T,\*") indicating that the user is a male, age 85, located in zip code 95035, etc. (*Id.* at col. 5:42-45). The '854 patent includes a full listing of the non-limiting exemplary user template of Fig. 4 in Appendix A. (Ex. A at col. 2:57-58; col. 5:22-23).

### Listing of a User Template

```

timezone: -8,PT 0 -->
<!-- ad:M,85,95035,T,* 792 -->
<!--
portfolio:Quotes,pf_1,1,^DJL,^NYA,^IXIC,^SPX,^XAX,YHOO,NSCP,IOM,NSCP,YHOO
2836 -->
<!--
scoreboard:NCAAFSSC,NHLSAN,MLSSAN,NCAAFSSS,ALOAK,NBAGSW,NFLOAK,NCAAFCCD,NF
LSFO,NLSFO 3803 -->
<!-- weather:f,30901,uk_londo,94601,95101 4368 - - >
<!--
mode_bar:"FRONT_PAGE1",hier=News+Summary%3aEdit&.done=http://my.yahoo.com/
news/summary.html?v 4538 -->
<!-- summary2:3,rt,rw,z0000,mlb,re,vf 4597 -->
<!-- motd:us_motn.html 4696 -->
<html>
<head>
<title>My Yahoo!news summary for ash802</title>
</head>
<body>

<center>
<map name="top"><area shape=rect coords="0,0,45,66"
href="/news/summary.html?v"><area shape=rect coords="45,0,90,66"
href="/internet/directory.html?v"><area shape=rect coords="90,0,135,66"
href="/contacts/white_pages.html?v"><area shape=rect coords="135,0,346,66"
href="/myHome"><area shape=rect coords="346,0,389,66"
href="/help/news/summary.html"><area shape=rect coords="389,0,431,66"
href="http://edit.my.yahoo.com/config/eval_profi1e"><area shape=rect
coords="431,0,477,66" href="http://edit.my.yahoo.com/config/toflly">
</map>
<center><a href="/bin/top_menu"></a></center>

<p>
<center><form action="http://search.my.yahoo.com/search/my"> <font
size="-2">[ <a
href="http://edit.my.yahoo.com/config/set_attr?attr=sloc&value=b&.done=htt
p://my.yahoo.com/news/summary.html?v">move to bottom</a> ] </font><input
size=25 name=p> <font size="-1">&nbsp;&nbsp;&nbsp;<input type=submit
value=Search><input type=hidden name=n value="25"> &nbsp;&nbsp;&nbsp;<a
href="http://search.my.yahoo.com/search/my/options">Options</a></font></fo
rm></center><p>
<center>
<table border=0 cellpadding=2>
<tr>
<td align=center><font
color="#000000"><b>Sections:</b>&nbsp;&nbsp;&nbsp;</font></td>
<td align=center bgcolor="#dcdcdc"><font
color="#000000"><b>Front&nbsp;&nbsp;&nbsp;Page</b></font></td>
<td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>
<td align=center><a href="/news/business/summary.html?v">Business</a></td>
<td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>
<td align=center><a
href="/news/portfolio_summary.html?v">Portfolios</a></td>
<td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>
<td align=center><a
href="/news/entertainment/summary.html?v">Entertainment</a></td>
<td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>
<td align=center><a href="/news/sports/summary.html?v">Sports</a></td>
<td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td>
<td align=center><a
href="/news/technology/summary.html?v">Technology</a></td>
</tr>
</table>
</center>
</center>
<table border=1 cellpadding=4 cellspacing=0 width="100%">
<tr><td align=center valign=top width="1%">
<a
href="http://edit.my.yahoo.com/config/eval_left?mode=left_nsum&.done=http%
3a%2f%2fmy%2eyahoo%2ecom%2fnews%2fsummary%2html%3fv"></a>
<table border=0 cellpadding=1 cellspacing=0 width="100%">
<tr bgcolor="#dcdcdc"><td colspan=4 width="100%"><table border=0
cellpadding=2 cellspacing=0 width="100%"><tr><td width="100%"><b><font
size="+1">P<font size="+0">ORTIFOLIOS</font></td></tr></table></td></tr>

```



[illegible]

```

src="http://www.yahoo.com/images/my/logout.gif" alt="Change
User"></a></td>
</tr>
</table>
</center>
<map name=logout>
<area coords="0,0,50,68" href="/my/?http://www.yahoo.com/">
<area coords="51,0,100,68"
href="http://edit.my.yahoo.com/config/login?logout=1">
</map>

</body>
</html>

```

(Ex. B at Col. 7-11).

20. As shown in Fig. 2 of the '854 patent, the user template does not need to be generated each time and instead can be generated and stored. (Ex. A at col. 4:49-51, col. 5:23-32). One benefit of the claimed invention that speeds up the operation of the dynamic page generation is that the page can be stored in multiple locations that are based on the frequency by which the user requests the customized page based on the user template. (*Id.* at col. 5:37-38, col. 6:49-59). Some users might choose to access their user page infrequently, while others might choose to access their front page hourly. (*Id.* at col. 6: 52-54). For infrequent users, the user template is stored in a user configuration database, whereas for frequent users the user template may also be stored in cache. (*Id.* at col. 5:37-38, col. 6:51-59). Caching reduces the time to respond to a request for a page and is more effective where the typical user makes several requests in a short time span and then doesn't make any requests for a long period of time. (*Id.* at col. 5:29-32).

21. When the user template stored in cache, it may be stored long enough to be reused and may also be flushed from cache if the user page has been inactive for several days. (*Id.* at col. 6:49-52, 59-60). Even if it is flushed from cache, the user template can be maintained in the user configuration database, which can then be quickly accessed and stored in cache in the event a user may start to access the user page quickly. (*Id.*).

22. The custom user page can also include an advertisement that is selected based on the user demographic information. (*Id.* at col. 5:39-42). For example, using the demographic information “:M,85,95035,T,\*”, an advertisement can be selected that is targeted for a male user, age 85, located in zip code 95035, etc. (*Id.* at col. 5:39-45).

23. Appendix B of the ‘854 patent is an HTML source code listing of an HTML page created from an executed user template that is used to generate a user customized browser web page. (Ex. B at col. 11 – col. 19).

24. As explained the ‘854 patent and prosecution history, there are unconventional and non-generic features of the claimed invention which are technical improvements that make the generation of dynamic web pages quicker, more efficient, and use less resources. By storing the user customized template program in two locations in which the location is determined by frequency, the system is more efficient and allows for a quicker response than the prior art. For example, by storing the user customized template in user configuration database and in cache, the dynamic generation of a user customized web page is more efficient and uses less resources of the server, database, and network, and allows for a quicker generation of the dynamic web page thereby allowing the server to scale in order to handle substantially more requests for user customized dynamic web pages. (*See* Ex. A at col. 1:42-67, col. 4:49-col. 5:15, col. 5:23-32). Furthermore, by caching the user template, the page can be generated entirely within a page server, thus conserving network and database resources. (*See id.* at col. 4:10-11, col. 5:23-32). By also storing the user customized template in a user configuration database, even if the cache is cleared, the template already exists in the database which then prevents having to regenerate a new user customized page from a global page template using a user configuration record thus saving database and server resources and more quickly generating the requested web page from

the user customized template. (*E.g., id.* at col. 3:37-39, col. 4:1-11, 49-62). The storage of a user customized template program in at least two locations and the location determined from the frequency of the user request for the customized page was an unconventional and non-generic method for storing such templates and was not disclosed in the prior art. (Ex. C (Oct. 28, 2010 Resp. to Office Action) at 9).

25. Furthermore, the invention provides for more personalized web pages because the user provides user configuration information on which the user customized template is generated. (Ex. C (Oct. 28, 2010 Resp. to Office Action) at 9; Ex. D (Apr. 18, 2011 Resp. to Office Action) at 6). This was an unconventional way for generating a user customized template unique to the user that was not found in the prior art. (Ex. D (Apr. 18, 2011 Resp. to Office Action) at 6).

26. The patents related to the ‘854 patent and sharing the same specification were cited during the prosecution history of over 700 patents, including patents and applications owned by companies including Google, Inc., Microsoft Corporation, Amazon Technologies, Inc., Facebook, Inc., Ebay, Inc., Salesforce.com, Inc., IBM Corporation, Oracle International Corporation, Comcast Cable Communications, LLC, SAP AG, Citrix Systems, Inc., BEA Systems, Inc., Sprint Communications Company L.P., Siemens AG, AT&T Intellectual Property I, L.P., Hewlett-Packard Development Company, L.P., Fujitsu Limited, AOL LLC, General Electric Company, Accenture LLP, Adobe Systems Inc., Sony Computer Entertainment Inc., and Akamai Technologies, Inc. (*See* <http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=1&u=%2Fnethtml%2FPTO%2Fsearchbool.html&r=0&f=S&l=50&TERM1=5983227&FIELD1=UREF&co1=AND&TERM2=&FIELD2=&d=PTXT>).

27. **Direct Infringement.** Upon information and belief, Defendant has been directly infringing at least claims 1-2, 8-9, and 15 of the ‘854 patent in Delaware, and elsewhere in the United States, by performing the claimed method, using the claimed computer-readable non-transitory medium storing computer instructions, and/or making and/or using the claimed system at Marriott.com (“Accused Instrumentality”).

28. The Accused Instrumentality performs the step of receiving a user request for a customized page. For example, Marriott.com receives a user request for a user customized page:

## **Welcome to Marriott Bonvoy**

Sign in to your account

Email or Member Number


Password

☒ Remember me

**SIGN IN**

[Forgot password](#)


[Activate online account](#)

 Log in

(E.g., <https://www.marriott.com/default.mi>).

**Free Wi-Fi, Mobile check-in, and our lowest member rates all the time.**

Join with your social account now

 Sign in with Facebook

We keep your data private. We do not post on your behalf.

Already a Member? [Activate online account](#)

OR

First Name

Last Name

Country/Region

USA ▼

Zip/Postal code

Email

Password

(<https://www.marriott.com/loyalty/createAccount/createAccountPage1.mi>).

29. The Accused Instrumentality performs the step of receiving a template program (e.g., software instructions and data used for rendering a particular user's Marriott.com page such as a JavaScript page) that is unique to the user (e.g., JavaScript pages will be specific to a user because the content can be modified by and/or customized for a user) and based on user configuration information (e.g., a user can customize the content of their templates and what will be rendered and displayed using said templates by entering information such as their location). The user configuration information is supplied by the user (e.g., a user defines the information their template will display by inputting information such as their location) and used to build the

template program that is unique to the user (e.g., user profile and user configuration information is used to modify templates, create instructions, and designate appropriate data retrieval for rendering the user's specific page).

```

<div>
  <input type="hidden" class="search-google-map" name="data-options" value="{"api":"//maps.googleapis.com/maps/api/js?v=3.exp&client=gme-marriottinternational&libraries=places,geometry&signed_in=false&region=", "language": "en"}">
  <div class="m-field-control l-margin-bottom-three-quarters l-datepicker-open l-xl-col-4 l-pos-relative js-clearinput l-search-loc l-clear clearfix js-location js-auto-complete" data-options="{"autoCompleteURL": "/aries-search/v1/autoComplete.comp", "permittedLocales": "en-GB,en-AU,en-US", "suggestionSortOrder": "city,property,airport,poi,state,country", "placesUrl": "/aries-search/v2/autoComplete.comp"}">
    <label for="3F5MIUHW" class="field-title"> Destination </label>
    <div class="l-display-flex">
      <span class="animate-placeholder-text" style="display: flex; opacity: 1;">Try "Times Square"</span>
      <input id="3F5MIUHW search-location" autocomplete="off" type="text" name="destinationAddress.destination" value="" placeholder="City, airport, attraction or address" maxlength="100" class="js-geoloc-target single-search single-search-destination js-recent-search js-search-location js-moreoptions-expander js-clear-input l-noie-clear l-h-field js-hform-fields js-auto-complete-input-v2" data-target="destination" aria-autocomplete="list" tabindex="2" data-count="3">
    </div>
    <span class="l-icon-inline t-icon t-icon-navigation-close js-clear-trigger" title="Clear"></span>
  </div>
  <div class="autocomplete-scroller-wrapper custom-wrapper" style="display: none;"></div>
  <div aria-live="assertive" class="is-hidden-label"></div>
  <div>
    <div class="l-find-container js-find-container l-xl-col-4 l-pos-rel"></div>
    <input type="hidden" class="autosuggest-cat-headers" data-category-params="{"recent": "Recent", "clear": "Clear Recent", "city": "CITIES", "property": "Hotel", "state": "STATES", "country": "COUNTRIES/REGIONS", "airport": "AIRPORTS", "poi": "POINTS OF INTEREST", "label": "Continue typing to narrow your results", "searchResults": "Search Results", "currentLocation": "Current Location", "recentlyViewedLabel": "Recently Viewed", "recentSearchesLabel": "Recent Searches", "clearRecentLabel": "CLEAR RECENT", "showMoreLabel": "SHOW MORE", "showLessLabel": "SHOW LESS", "showRecentlyViewedProperties": true, "minRecentlyViewedPropertiesLimit": 2, "maxRecentlyViewedPropertiesLimit": 5, "expandedLabel": "expanded", "collapsedLabel": "collapsed" }">
    <div class="date-picker-overlay"></div>
  </div>
  <div class="m-field-control m-date-picker l-date-picker l-margin-bottom-three-quarters l-pos-relative l-xl-col-4 l-xl-col-4" data-trigger="false" data-is-non-dated-search="false" data-associate-flow"></div>

```

Search terms initially stored in variables

(E.g., <https://www.marriott.com/default.mi> (for a particular user)).

```

country != '\\'') {\n      type = 'country';\n    } else {\n      type = 'destination';\n    }\n    //Getting Timestamp\n    var\n    dateNow = new Date();\n    var timestampNow = dateNow.toISOString();\n    var endOfRecord = "";\n    if (!noCrntSrch) {\n      endOfRecord = ",";\n    }\n    var most recent search = '{ "displayName":"' + displayName + '",\n    "propertyCode":"' + propertyCode + '", "longitude":"' + longitude + '", "latitude":"' +\n    latitude + '", "stateProvince":"' + stateProvince + '", "country":"' + country + '",\n    "searchRadius":"' + searchRadius + '", "timestamp":"' + timestampNow + '", "type":"' +\n    type + '" }' + endOfRecord;\n    if (current_searches_length == 5) {\n      var last = current_recent_searches.lastIndexOf(",");\n      var tmpValue =\n      current_recent_searches.slice(last, current_recent_searches.length);\n      current_recent_searches = current_recent_searches.replace(tmpValue, '\\');\n    }\n    current_recent_searches = most_recent_search + current_recent_searches;\n    localStorage.setItem("recent_searches", current_recent_searches);\n  }\n}

```

(E.g., <https://assets.adobedtm.com/launch-EN1ce795381cea451fa40478e502ecce2f.min.js> (for a particular user)).

```

"Analytics") + "Fields", s.corsUrl = o + "?" + l, s.callback = u\n
return s.url = a, S._getRemoteField(i ? k : R, a, e, t, s)\n
}\n
return ""\n
}, S.getAudienceManagerLocationHint =
function(e, t) {\n
if (S.isAllowed()) {\n
var i =
S.getMarketingCloudVisitorID(function(t) {\n
S.getAudienceManagerLocationHint(e, !0)\n
});\n
if (i) {\n
var n = S._getField(R);\n
if (!n && H.isTrackingServerPopulated() && (n =
S.getAnalyticsVisitorID(function(t) {\n
S.getAudienceManagerLocationHint(e, !0)\n
})), n ||
!H.isTrackingServerPopulated()) {\n
var r =
S._getAudienceManagerURLData(),\n
a = r.url;\n
return S._getRemoteField(x, a, e, t, r)\n
}\n
}\n
return ""\n
}, S.getLocationHint =
S.getAudienceManagerLocationHint, S.getAudienceManagerBlob = function(e, t) {\n
if (S.isAllowed()) {\n
var i = S.getMarketingCloudVisitorID(function(t) {\n
S.getAudienceManagerBlob(e, !0)\n
});\n
if (i) {\n

```

(E.g., <https://assets.adobedtm.com/launch-EN1ce795381cea451fa40478e502ecce2f.min.js> (for a particular user)).

30. The user configuration information supplied by the user to build the template program includes user demographic information (e.g., a user's profile information and/or configuration information may contain their location, amongst other information). (E.g., <https://www.marriott.com/about/privacy.mi>).

31. The template program is received from one of at least two locations (e.g., the data and templates comprising a user's page may be retrieved from a main server/disk storage), the location determined from the frequency of the user request for the customized Marriott.com page (e.g., based on the frequency at which a user logs in or accesses their Marriott.com page, the data comprising the users page may be stored at a main server). On information and belief, the accused instrumentality uses the template program that is unique to the user which is generated using customization information unique to the user and a global template that is generic to a plurality of users. On information and belief, template information that is part of the template program is stored for less frequently accessed files in the main storage and for more frequently accessed files in local storage on the user's computer. On information and belief, running the



template program (page generation code, tiles, containers, and user data) creates the customized webpage. When a user signs-up or performs a login, the code takes the user template information and stores it in a site JavaScript object that is used in logic to display various available hotels and other site logic-based conditions. The user information is stored in multiple locations, which can include, (1) at runtime, in a Javascript object with the data structure called ContextData; (2) within browser local storage; and (3) browser cookies. The JavaScript code shown below from the front-facing publicly available code, demonstrates that the sign-in is handled via JavaScript. The actual JS file is served from a CDN.

```
country != '\\'') {\n                type = \'country\';\n                } else {\n                type = \'destination\';\n                }\n                //Getting Timestamp\n                var\n                dateNow = new Date();\n                var timestampNow = dateNow.toISOString();\n                var endOfRecord = "";\n                if (!noCrrntSrch) {\n                endOfRecord = ",";\n                }\n                var most recent search = \"{' displayName\":\"' + displayName + '\",\n                \"propertyCode\":\"' + propertyCode + '\", \"longitude\":\"' + longitude + '\", \"latitude\":\"'\n                + latitude + '\", \"stateProvince\":\"' + stateProvince + '\", \"country\":\"' + country + '\",\n                , \"searchRadius\":\"' + searchRadius + '\", \"timestamp\":\"' + timestampNow + '\", \"type\":\"'\n                + type + '\" }' + endOfRecord;\n                if (current_searches_length == 5) {\n                var last = current_recent_searches.lastIndexOf(",{");\n                var tmpValue =\n                current_recent_searches.slice(last, current_recent_searches.length);\n                current_recent_searches = current_recent_searches.replace(tmpValue, '\\\\');\n                }\n                current_recent_searches = most_recent_search + current_recent_searches;\n                localStorage.setItem("recent_searches", current_recent_searches);\n                }\n                }
```

(E.g., <https://assets.adobedtm.com/launch-EN1ce795381cea451fa40478e502ecce2f.min.js> (for a particular user)).

```

"Analytics") + "Fields", s.corsUrl = o + "?" + l, s.callback = u\n
return s.url = a, S._getRemoteField(i ? k : R, a, e, t, s)\n
}\n
return ""\n
}, S.getAudienceManagerLocationHint =
function(e, t) {\n
if (S.isAllowed()) {\n
var i =
S.getMarketingCloudVisitorID(function(t) {\n
S.getAudienceManagerLocationHint(e, !0)\n
});\n
if (i) {\n
var n = S._getField(R);\n
if (!n && H.isTrackingServerPopulated() && (n =
S.getAnalyticsVisitorID(function(t) {\n
S.getAudienceManagerLocationHint(e, !0)\n
})), n ||
!H.isTrackingServerPopulated()) {\n
var r =
S._getAudienceManagerURLData(),\n
a = r.url;\n
return S._getRemoteField(x, a, e, t, r)\n
}\n
}\n
return ""\n
}, S.getLocationHint =
S.getAudienceManagerLocationHint, S.getAudienceManagerBlob = function(e, t) {\n
if (S.isAllowed()) {\n
var i = S.getMarketingCloudVisitorID(function(t) {\n
S.getAudienceManagerBlob(e, !0)\n
});\n
if (i) {\n

```

(E.g., <https://assets.adobedtm.com/launch-EN1ce795381cea451fa40478e502ecce2f.min.js> (for a particular user)).

```

ule:m,logger:n,propertySettings:u,replaceTokens:o};Object.keys(r.modules).forEach(function(t)
){var e=r.modules[t],n=j(function(e){var n=oe(t,e);return
s.getModuleExports(n)});s.registerModule(t,e,a,n,i)}),s.hydrateCache()}return
s},xe=function(e,n,t,a,r){var i=j.createPrefixedLogger("Custom Script");e.track=function(e)
{j.log(''+e+' does not match any direct call identifiers.'),e.getVisitorId=function()
{return null},e.property=
{name:n.property.name},e.company=n.company,e.buildInfo=n.buildInfo,e.logger=i,e.notify=funct
ion(e,n){switch(j.warn("_satellite.notify is deprecated. Please use the `_satellite.logger`
API."),n){case 3:i.info(e);break;case 4:i.warn(e);break;case
5:i.error(e);break;default:i.log(e)}},e.getVar=a,e.setVar=r,e.setCookie=function(e,n,t){var

```

(E.g., <https://assets.adobedtm.com/launch-EN1ce795381cea451fa40478e502ecce2f.min.js> (for a particular user)).

```

[],actions:[{modulePath:"core/src/lib/actions/customCode.js",settings:
{global:!0,source:'/*STORE PAGENAME IN LOCAL STORAGE FOR MDL*/\nif (typeof dataLayer !==
"undefined") {dataLayer.previous_page =
localStorage.getItem(\'previous_page\')\nlocalStorage.setItem(\'previous_page\',
location.hostname + location.pathname);\n\n/*check for Bonvoy JOIN, set for once per
session*/\nif (window.dataLayer.mr_enrolled == "true" &&
sessionStorage.getItem("mr_enrolled_num") !== "1" &&
document.location.href.indexOf("signIn") == -1) {\n sessionStorage.setItem("mr enrolled",
"true");\n sessionStorage.setItem("mr enrolled num", 1);\n}\nelse if
(window.dataLayer.mr_enrolled == "true" && sessionStorage.getItem("mr_enrolled_num", 1) ==
"1"){
sessionStorage.setItem("mr_enrolled", "false")\n}\n\n/*LOAD A SCRIPT WITH A
CALLBACK FUNCTION*/\nfunction launchLoadScriptCallback(a, c, b) {\n var d =
document.getElementsByTagName("script"),\n e;\n b = d[0];\n for (e = 0; e <

```

(*E.g.*, <https://assets.adobedtm.com/launch-EN1ce795381cea451fa40478e502ecce2f.min.js> (for a particular user)).

32. The Accused Instrumentality performs the step of receiving an advertisement selected in accordance to the user demographic information (*e.g.*, Marriott.com provides advertisements to a user based on demographic information such as age, gender, language, interest, activity, etc.). (*E.g.*, <https://www.marriott.com/about/privacy.mi>). For example, the Accused Instrumentality has targeted advertising to users based on a user's geography and interest. (*Id.*).

33. The Accused Instrumentality performs the step of executing the template program that is unique to the user (*e.g.*, JavaScript templates) using the selected advertisement (*e.g.*, an advertisement selected based on a user's demographic information) to generate the customized page (*e.g.*, a user's Marriott.com page, with the advertisement integrated).

34. The Accused Instrumentality performs the step of providing the customized page to the user (*e.g.*, a user's Marriott.com page with integrated advertisements).

35. Plaintiff has been damaged as a result of Defendant's infringing conduct. Defendant is thus liable to Plaintiff for damages in an amount that adequately compensates Plaintiff for such Defendant's infringement of the '854 patent, *i.e.*, in an amount that by law cannot be less than would constitute a reasonable royalty for the use of the patented technology, together with interest and costs as fixed by this Court under 35 U.S.C. § 284.

36. On information and belief, Defendant has had at least constructive notice of the '854 patent by operation of law, and there are no marking requirements that have not been complied with.

**IV. COUNT II**  
**(PATENT INFRINGEMENT OF UNITED STATES PATENT NO. 5,983,227)**

37. Plaintiff incorporates the above paragraphs herein by reference.

38. On November 9, 1999, United States Patent No. 5,983,227 (“the ‘227 Patent”) was duly and legally issued by the United States Patent and Trademark Office. The ‘227 Patent is titled “Dynamic Page Generator.” A true and correct copy of the ‘227 Patent is attached hereto as Exhibit B and incorporated herein by reference.

39. Digi Portal is the assignee of all right, title and interest in the ‘227 patent, including all rights to enforce and prosecute actions for infringement and to collect damages for all relevant times against infringers of the ‘227 Patent. Accordingly, Digi Portal possesses the exclusive right and standing to prosecute the present action for infringement of the ‘227 Patent by Defendant.

40. The application leading to the ‘227 patent was filed June 12, 1997. (Ex. B at cover). The ‘227 patent was first assigned to Yahoo! Inc. (*Id.*).

41. The invention in the ‘227 Patent relates to the field of customized information presentation on the web; more specifically, providing customized pages that are quickly served and scalable to handle many users simultaneously. (*Id.* at col. 1:14-18).

42. The ‘227 Patent shares the identical specification as the ‘854 patent and therefore Digi Portal incorporates the background and discussion of the invention in Paragraphs 13-25. Furthermore, as show in the prosecution history of the ‘227 Patent, it was unconventional to download real-time information into a server and use a template for the static data as opposed to linking directly to real-time information. (Ex. E at 5, Ex. F at 2).

43. **Direct Infringement.** Upon information and belief, Defendant has been directly infringing at least claim 2 of the ‘227 patent in Delaware, and elsewhere in the United States, by

performing actions comprising using or performing the claimed method of providing real-time responses to user requests for customized pages, including without limitation through the method implemented of providing a user's Marriott.com page ("Accused Instrumentality"). (E.g., <https://www.marriott.com/default.mi>).

44. The Accused Instrumentality performs the step of obtaining user preferences (e.g., location,), wherein a user's user preferences indicate items of interest to that user (e.g., preferences set by user for hotels search). For example, users can customize their location on their Marriott.com page to find hotels near their location:

The screenshot shows the Marriott Bonvoy homepage. At the top, there is a navigation bar with links: Find & Reserve, Deals & Packages, Dine, Meetings & Events, Our Brands, Our Credit Cards, and About Marriott Bonvoy. Below this is a large banner for "SAVE ON WEEKEND STAYS" with a "BOOK NOW" button. The search interface is highlighted with a red box. It includes the following fields:

- Destination:** City, airport, attraction or address
- Dates:** Tue, Feb 25 to Wed, Feb 26 (1 NIGHT)
- Rooms & Guests:** 1 Room: 1 Adult/Room
- Special Rates:** None
- Use Points / Certificates:** ☐
- FIND HOTELS** button

(<https://www.marriott.com/default.mi> (for a particular user)).

The screenshot shows the Marriott Bonvoy search results page. The search bar is highlighted with a red box. It includes the following fields:

- Destination:** Los Angeles, CA, USA
- Stay Dates (2 NIGHTS):** Sat, Mar 21, 2020 - Mon, Mar 23, 2020
- Rooms & Guests:** 1 Room: 1 Adult /Room
- EDIT** button

Below the search bar, there are filters for "30 UNIQUE BRANDS", "Filter by: Brand", "Price", and "All Filters". A red box highlights the "Try these filters" section, which includes:

- Fitness center (162)
- Free breakfast (64)
- Kitchen (46)
- Pool (159)
- Restaurant on-site (112)

Showing 1 - 40 of 167 hotels

Various preferences that can be set for Hotels search

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

45. On information and belief, the Accused Instrumentality performs obtaining real-time information (*e.g.*, currently available hotels information) from information sources (*e.g.*, Marriott.com's servers/databases which store real-time hotel listings) and storing the real-time information in a storage device (*e.g.*, currently available hotels information will be pulled from information source and stored, at least temporarily, on an Marriott.com web/API server).

Destination  
Los Angeles, CA, USA

Stay Dates (2 NIGHTS)  
Sat, Mar 21, 2020 - Mon, Mar 23, 2020


Rooms & Guests  
1 Room: 1 Adult /Room

EDIT

Map View
Currency: Default
Sort by: Distance
30 UNIQUE BRANDS
Filter by: Brand Price All Filters

Try these filters:
Fitness center (162)
Free breakfast (64)
Kitchen (46)
Pool (159)
Restaurant on-site (112)

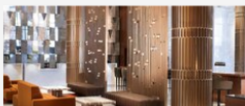
Showing 1 - 40 of 167 hotels
☐ Show available hotels only




**The Westin Bonaventure Hotel & Suites, Los Angeles**  
404 South Figueroa Street Los Angeles, California 90071  
0.7 miles from destination | Category 6  
Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.

From **215** USD Avg./night

VIEW RATES



**Sheraton Grand Los Angeles**  
711 South Hope Street Los Angeles, California 90017  
0.9 miles from destination | 4.2 525 Reviews | Category 5



(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).



Currently available  
hotels information  
retrieved from  
information source

```
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LGBFP" data-brand="SI" data-map="true" data-pnum="14" data-property="{"lat": 34.080365,"longitude":
-118.097331,"brand": "SI","marshaCode": "LGBFP","hwsInLanguageMissing": ">false","price":142,"symbol":"USD","type":
","hotelName":"Sheraton Los Angeles San Gabriel","propertyType":","propMarkerLabel":","propMarkerBedLabel":
","index": "}}" data-marsha="LGBFP" data-close-text="Close" data-city="San Gabriel" data-statecode="CA" data-
stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-
space-name></div>
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRO" data-brand="RI" data-map="true" data-pnum="15" data-property="{"lat": 34.150267,"longitude":
-118.150847,"brand": "RI","marshaCode": "LAXRO","hwsInLanguageMissing": ">false","price":160,"symbol":"USD","type":
","hotelName":"Residence Inn Los Angeles Pasadena/Old Town","propertyType":","propMarkerLabel":","propMarkerBedLabel":","
"propMarkerBedLabel":","index": "}}" data-marsha="LAXRO" data-close-text="Close" data-city="Pasadena" data-statecode="
CA" data-stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space
data-function-space-name></div>
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXBV" data-brand="MC" data-map="true" data-pnum="16" data-property="{"lat": 34.056333,"longitude":
-118.395855,"brand": "MC","marshaCode": "LAXBV","hwsInLanguageMissing": ">false","price":260,"symbol":"USD","type":
","hotelName":"Beverly Hills Marriott","propertyType":","propMarkerLabel":","propMarkerBedLabel":","index": "}}"
data-marsha="LAXBV" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince="
CA" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name></div>
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRB" data-brand="RI" data-map="true" data-pnum="17" data-property="{"lat": 34.05572,"longitude":
-118.395933,"brand": "RI","marshaCode": "LAXRB","hwsInLanguageMissing": ">false","price":190,"symbol":"USD","type":
","hotelName":"Residence Inn Beverly Hills","propertyType":","propMarkerLabel":","propMarkerBedLabel":","index":
"}}" data-marsha="LAXRB" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince="
California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name></div>
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXEB" data-brand="EB" data-map="true" data-pnum="18" data-property="{"lat": 34.0904,"longitude":
-118.389156,"brand": "EB","marshaCode": "LAXEB","hwsInLanguageMissing": ">false","price":454,"symbol":"USD","type":
","hotelName":"The West Hollywood EDITION","propertyType":"NEW","propMarkerLabel":","propMarkerBedLabel":
","index": "}}" data-marsha="LAXEB" data-close-text="Close" data-city="West Hollywood" data-statecode="CA" data-
```

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

46. On information and belief, the Accused Instrumentality performs the step of combining the user preferences for the user (*e.g.*, the search terms input by a user such as preferences set by user for hotels search) and a template (*e.g.*, generic template) to form a template program specific to the user (*e.g.*, the code for the entire webpage that utilizes a generic template and user's inputted search terms to create a webpage that is customized to display a user's search results).

Destination  
Los Angeles, CA, USA

Stay Dates (2 NIGHTS)  
Sat, Mar 21, 2020 - Mon, Mar 23, 2020


Rooms & Guests  
1 Room: 1 Adult /Room

EDIT

Map View
Currency: Default
Sort by: Distance
30 UNIQUE BRANDS
Filter by: Brand Price All Filters

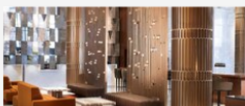
Try these filters:
Fitness center (162)
Free breakfast (64)
Kitchen (46)
Pool (159)
Restaurant on-site (112)

Showing 1 - 40 of 167 hotels
☐ Show available hotels only



**The Westin Bonaventure Hotel & Suites, Los Angeles**  
404 South Figueroa Street Los Angeles, California 90071  
0.7 miles from destination | Category 6  
Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.

From **215** USD Avg./night
VIEW RATES



**Sheraton Grand Los Angeles**  
711 South Hope Street Los Angeles, California 90017  
0.9 miles from destination | 4.2 525 Reviews | Category 5

SHERATON

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

```

<!doctype html>
<html xmlns="http://www.w3.org/1999/xhtml" lang="en_US" xml:lang="en_US" class="webkit chrome chrome79 win js non-retina
orientation_landscape maxw_1280" style="overflow: visible; position: static;">
  <head class="at-element-marker"></head>
  <body class="t-bg-white is-form-takeover" data-hide-print style="overflow: visible; position: static;">
    <a name="topOfPage"></a>
    <div id="page-container" class="page-container">
      <header class="m-header"></header>
      <div id="salesforce_code_insert"></div>
      <div class="id-content-wrapper" id="main-body-wrapper">
        <div class="l-row"></div>
        <div class="l-row">
          <div class="mi-sub-section bleed-sub-section l-margin-subsection-bottom-small l-margin-tile-vertical-default l-padding-tile-
vertical-default l-padding-subsection-vertical-none"></div>
          <section class="mi-sub-section sub-section l-print-fullbleed l-container l-margin-subsection-bottom-small l-margin-tile-vertical-
default l-padding-tile-vertical-default l-padding-subsection-vertical-none mi-sub-section-blank"></section>
          <section class="mi-sub-section two-col-sub-section l-print-fullbleed l-container l-margin-subsection-bottom-none l-margin-tile-
vertical-default l-padding-tile-vertical-default l-padding-subsection-vertical-none" style="position: relative;"></section>
          <div class="mi-sub-section bleed-sub-section t-bg-standard-30 l-margin-subsection-bottom-none l-margin-tile-vertical-default l-
padding-tile-vertical-default l-padding-subsection-vertical-none">
            <div id="SuggestedFilters338f"></div>
            <div id="propertyRecords54b9">
              <script type="text/mi-context" name="tileMessageErrorActions_propertyRecords54b9" defer="defer">{"DEFAULT":{"type":"component-
level-message","action":"error"}}</script>
              <script type="text/mi-context" name="tileErrorMessageContext_propertyRecords54b9" defer="defer"></script>
              <script type="text/mi-context" name="propertyRecords54b9" defer="defer"></script>
              <script type="text/mi-context" name="propertyRecords54b9" defer="defer"></script>
            <div class="tile-property-records l-row property-records" data-spinner-label="FETCHING HOTEL INFORMATION..." data-back-results-
label="Back to Search Results" data-marrofferid data-enable-map-based-search="true" data-language-code="en" data-img="{\"pinImg\":
\"/Images/Icons/Search/pin-gmap.png\", \"pinBlue\": \"/Images/Icons/Search/pin-gmap-blue.png\", \"clustImg\": \"https://cache.marriott.com/
marriottassets/icons/pin-cluster-sm.png\", \"clustBlue\": \"/Images/Icons/Search/pin-cluster-sm-hover.png\", \"pinAdd\": \"/Images/Icons/
Search/pinloc.png\"}" data-china="false" data-isaddress="false" data-searchlocation data-searchlat data-searchlong data-refine

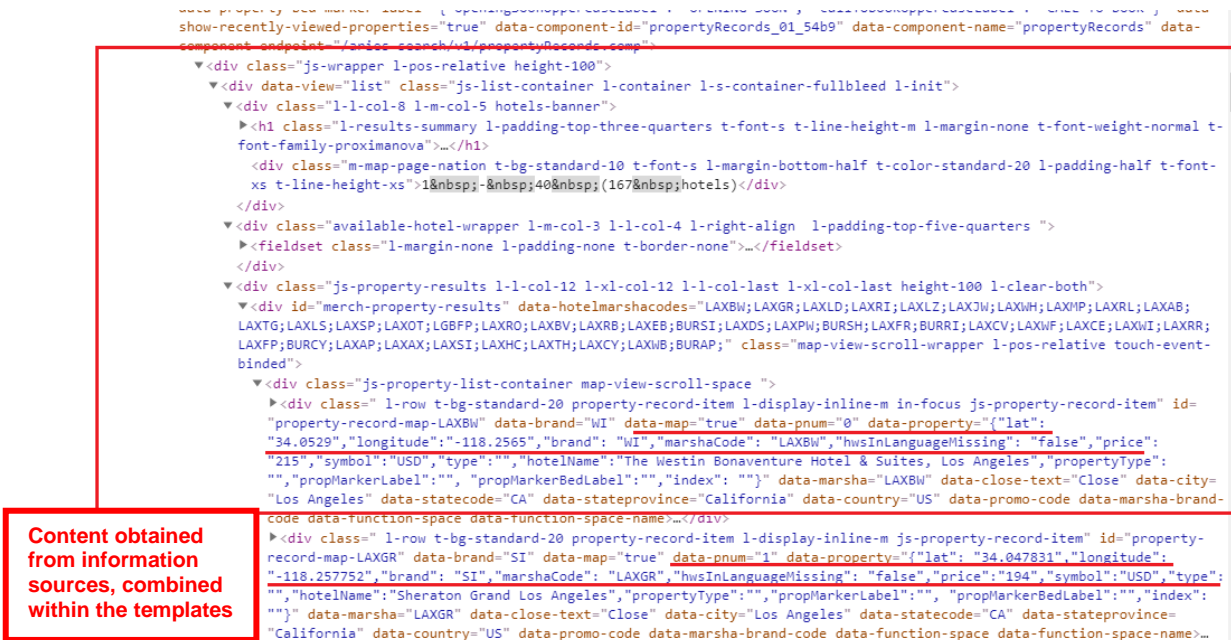
```

General template used  
to generate web page

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

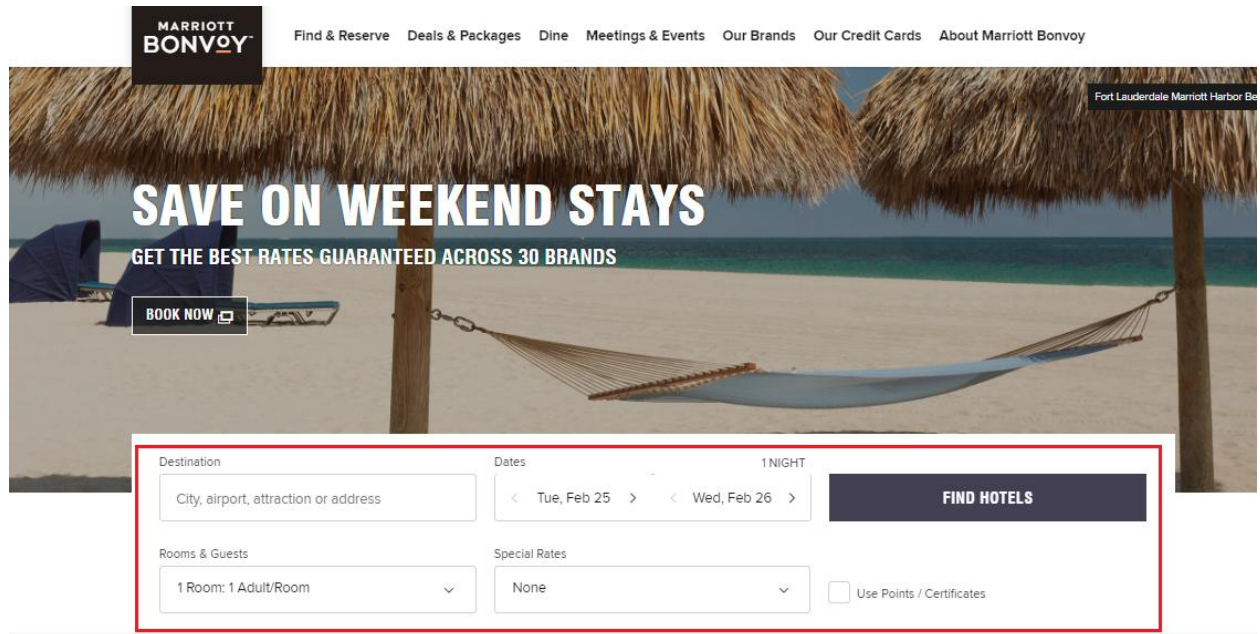
47. As shown below, Marriott.com will then combine the template with customized data pulled based upon a user's search inputs in order to create a template program executable by a user's browser, so that the customized webpage can be displayed to the user.





(<https://www.marriott.com/search/findHotels.mi>) (for a particular user)).

48. On information and belief, the Accused Instrumentality performs the step of receiving, from a user and at the server, a user request for a customized page (*e.g.*, a user will request a webpage that displays available hotels meeting the parameters they inputted; this request will be received at the Marriott.com web server) customized according to the user preferences. The following screenshots are examples of the request for a customized page that is customized according to the user preferences:



**MARRIOTT BONVOY**

Find & Reserve Deals & Packages Dine Meetings & Events Our Brands Our Credit Cards About Marriott Bonvoy

**SAVE ON WEEKEND STAYS**  
GET THE BEST RATES GUARANTEED ACROSS 30 BRANDS

**BOOK NOW**

Fort Lauderdale Marriott Harbor Beach

Destination: City, airport, attraction or address

Dates: 1 NIGHT  
Tue, Feb 25 Wed, Feb 26

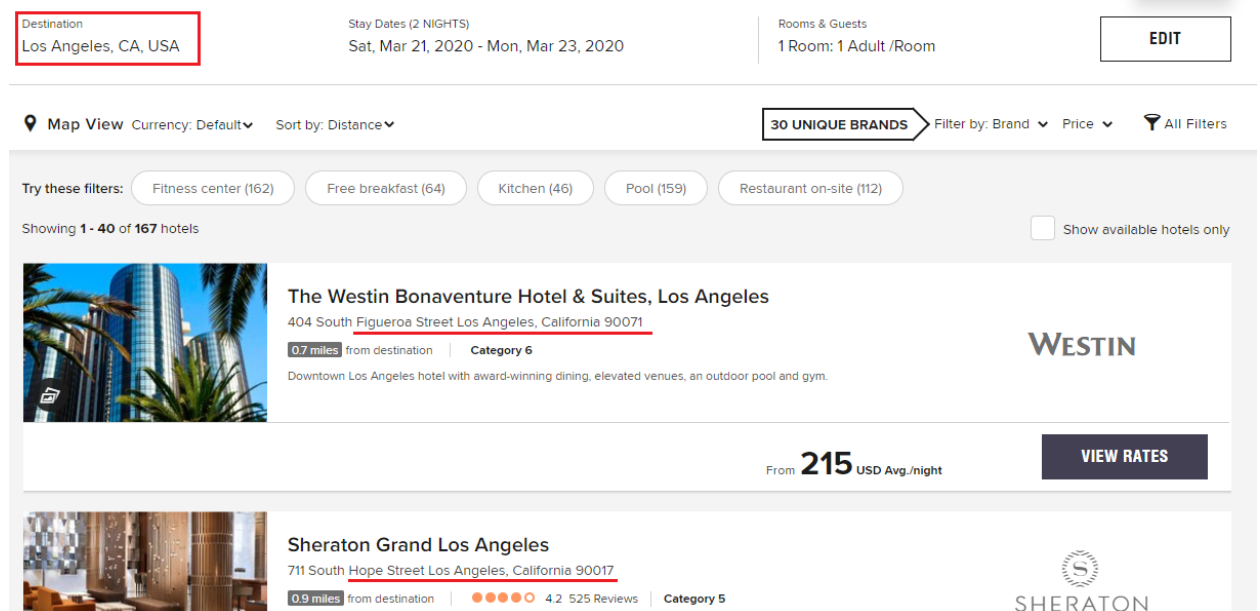
**FIND HOTELS**

Rooms & Guests: 1 Room: 1 Adult/Room

Special Rates: None

☐ Use Points / Certificates

(<https://www.marriott.com/default.mi> (for a particular user)).



Destination: Los Angeles, CA, USA

Stay Dates (2 NIGHTS): Sat, Mar 21, 2020 - Mon, Mar 23, 2020

Rooms & Guests: 1 Room: 1 Adult /Room

**EDIT**

Map View Currency: Default Sort by: Distance

**30 UNIQUE BRANDS** Filter by: Brand Price All Filters

Try these filters: Fitness center (162) Free breakfast (64) Kitchen (46) Pool (159) Restaurant on-site (112)

Showing 1 - 40 of 167 hotels ☐ Show available hotels only

**The Westin Bonaventure Hotel & Suites, Los Angeles**  
404 South Figueroa Street Los Angeles, California 90071  
0.7 miles from destination | Category 6  
Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.

From **215** USD Avg./night **VIEW RATES**

**Sheraton Grand Los Angeles**  
711 South Hope Street Los Angeles, California 90017  
0.9 miles from destination | 4.2 525 Reviews | Category 5

**SHERATON**

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

49. The Accused Instrumentality performs the step of executing the template program (e.g., the code for the website which includes code representing a generic template that defines the general layout of the webpage, and other pieces of real-time information, such as available currently available hotels information, gathered from information source using various APIs and

scripts) specific to the user (*e.g.*, the webpage is catered towards the user's search queries) using the real-time information stored in the storage device (*e.g.*, hotels information will be gathered from information source using an API and/or scripts, and stored, at least temporarily, on a local web/API server web server) as input to the template program to generate the customized page (*e.g.*, the hotels information gathered will be combined with a generic layout template to create the entire webpage).

Destination Los Angeles, CA, USA	Stay Dates (2 NIGHTS) Sat, Mar 21, 2020 - Mon, Mar 23, 2020	Rooms & Guests 1 Room: 1 Adult /Room	EDIT
-------------------------------------	--	---	------


---

Map View   Currency: Default   Sort by: Distance   **30 UNIQUE BRANDS**   Filter by: Brand   Price   All Filters

---

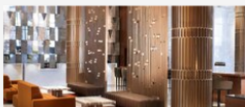
Try these filters:   Fitness center (162)   Free breakfast (64)   Kitchen (46)   Pool (159)   Restaurant on-site (112)

Showing 1 - 40 of 167 hotels   ☐ Show available hotels only



**The Westin Bonaventure Hotel & Suites, Los Angeles**  
 404 South Figueroa Street Los Angeles, California 90071  
 0.7 miles from destination   Category 6  
 Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.

From **215** USD Avg./night   **VIEW RATES**



**Sheraton Grand Los Angeles**  
 711 South Hope Street Los Angeles, California 90017  
 0.9 miles from destination   4.2 525 Reviews   Category 5

SHERATON

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

```

<doctype html>
<html xmlns="http://www.w3.org/1999/xhtml" lang="en-US" xml:lang="en-US" class="webkit chrome chrome79 win js non-retina
orientation_landscape maxw_1280" style="overflow: visible; position: static;">
  <head class="at-element-marker"></head>
  <body class="t-bg-white is-form-takeover" data-hide-print style="overflow: visible; position: static;">
    <a name="topOfPage"></a>
    <div id="page-container" class="page-container">
      <header class="m-header"></header>
      <div id="salesforce_code_insert"></div>
      <div class="id-content-wrapper" id="main-body-wrapper">
        <div class="l-row"></div>
        <div class="l-row">
          <div class="mi-sub-section bleed-sub-section 1-margin-subsection-bottom-small 1-margin-tile-vertical-default 1-padding-tile-
vertical-default 1-padding-subsection-vertical-none"></div>
          <section class="mi-sub-section sub-section 1-print-fullbleed 1-container 1-margin-subsection-bottom-small 1-margin-tile-vertical-
default 1-padding-tile-vertical-default 1-padding-subsection-vertical-none mi-sub-section-blank"></section>
          <section class="mi-sub-section two-col-sub-section 1-print-fullbleed 1-container 1-margin-subsection-bottom-none 1-margin-tile-
vertical-default 1-padding-tile-vertical-default 1-padding-subsection-vertical-none" style="position: relative;"></section>
          <div class="mi-sub-section bleed-sub-section t-bg-standard-30 1-margin-subsection-bottom-none 1-margin-tile-vertical-default 1-
padding-tile-vertical-default 1-padding-subsection-vertical-none">
            <div id="SuggestedFilters338f"></div>
            <div id="propertyRecords54b9">
              <script type="text/mi-context" name="tileMessageErrorActions_propertyRecords54b9" defer="defer">{"DEFAULT":{"type":"component-
level-message","action":"error"}}</script>
              <script type="text/mi-context" name="tileErrorMessageContext_propertyRecords54b9" defer="defer"></script>
              <script type="text/mi-context" name="propertyRecords54b9" defer="defer"></script>
              <script type="text/mi-context" name="propertyRecords54b9" defer="defer"></script>
              <div class="tile-property-records 1-row property-records" data-spinner-label="FETCHING HOTEL INFORMATION..." data-back-results-
label="Back to Search Results" data-marrofferid data-enable-map-based-search="true" data-language-code="en" data-img="{pinImg":
"/Images/Icons/Search/pin-gmap.png","pinBlue":"/Images/Icons/Search/pin-gmap-blue.png","clustImg":"https://cache.marriott.com/
marriottassets/icons/pin-cluster-sm.png","clustBlue":"/Images/Icons/Search/pin-cluster-sm-hover.png","pinAdd":"/Images/Icons/
Search/pinloc.png"}" data-china="false" data-address="false" data-searchlocation data-searchlat data-searchlong data-refine

```

General template used  
to generate web page

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

```

data-property-records 1-row property-records" data-spinner-label="FETCHING HOTEL INFORMATION..." data-back-results-
label="Back to Search Results" data-marrofferid data-enable-map-based-search="true" data-language-code="en" data-img="{pinImg":
"/Images/Icons/Search/pin-gmap.png","pinBlue":"/Images/Icons/Search/pin-gmap-blue.png","clustImg":"https://cache.marriott.com/
marriottassets/icons/pin-cluster-sm.png","clustBlue":"/Images/Icons/Search/pin-cluster-sm-hover.png","pinAdd":"/Images/Icons/
Search/pinloc.png"}" data-china="false" data-address="false" data-searchlocation data-searchlat data-searchlong data-refine
  <div class="js-wrapper 1-pos-relative height-100">
    <div data-view="list" class="js-list-container 1-container 1-s-container-fullbleed 1-init">
      <div class="l-1-col-8 1-m-col-5 hotels-banner">
        <h1 class="1-results-summary 1-padding-top-three-quarters t-font-s t-line-height-m 1-margin-none t-font-weight-normal t-
font-family-proximanova"></h1>
        <div class="m-map-page-nation t-bg-standard-10 t-font-s 1-margin-bottom-half t-color-standard-20 1-padding-half t-font-
xs t-line-height-xs">1&nbsp;40&nbsp;167&nbsp;hotels</div>
      </div>
      <div class="available-hotel-wrapper 1-m-col-3 1-l-col-4 1-right-align 1-padding-top-five-quarters">
        <fieldset class="1-margin-none 1-padding-none t-border-none"></fieldset>
      </div>
      <div class="js-property-results 1-l-col-12 1-xl-col-12 1-l-col-last 1-xl-col-last height-100 1-clear-both">
        <div id="merch-property-results" data-hotelmarshaCodes="LAXBW;LAXGR;LAXLD;LAXRI;LAXLZ;LAXJH;LAXMH;LAXMP;LAXRL;LAXAB;
LAXTG;LAXLS;LAXSP;LAXOT;LGBFP;LAXRO;LAXBV;LAXRB;LAXEB;BURSI;LAXDS;LAXPW;BURSH;LAXFR;BURRI;LAXCV;LAXWF;LAXCE;LAXMI;LAXRR;
LAXFP;BURCY;LAXAP;LAXAX;LAXSI;LAXHC;LAXTH;LAXCY;LAXNB;BURAP;" class="map-view-scroll-wrapper 1-pos-relative touch-event-
binded">
          <div class="js-property-list-container map-view-scroll-space">
            <div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m in-focus js-property-record-item" id=
"property-record-map-LAXBW" data-brand="WI" data-map="true" data-pnum="0" data-property="{lat":
"34.0529","longitude":"-118.2565","brand":"WI","marshaCode":"LAXBW","hwsInLanguageMissing":"false","price":
"215","symbol":"USD","type":"","hotelName":"The Westin Bonaventure Hotel & Suites, Los Angeles","propertyType":
"", "propMarkerLabel":"","propMarkerBedLabel":"","index":""} data-marsha="LAXBW" data-close-text="Close" data-city=
"Los Angeles" data-statecode="CA" data-stateprovince="California" data-country="US" data-promo-code data-marsha-brand-
code data-function-space data-function-space-name"></div>
            <div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXGR" data-brand="SI" data-map="true" data-pnum="1" data-property="{lat":
"-118.257752","brand":"SI","marshaCode":"LAXGR","hwsInLanguageMissing":"false","price":"194","symbol":"USD","type":
"", "hotelName":"Sheraton Grand Los Angeles","propertyType":"","propMarkerLabel":"","propMarkerBedLabel":"","index":
""} data-marsha="LAXGR" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince=
"California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name">

```

Content obtained  
from information  
sources, combined  
within the templates

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

50. The Accused Instrumentality performs the step of providing the customized page to the user (e.g., a webpage showing hotels that meet a user's search requirements) wherein the steps of executing and providing are performed in real-time response to receipt of the user

request in the step of receiving (*e.g.*, the webpage of hotels is requested in real-time as the user request it and wherein the customized page includes at least one item of real-time information (*e.g.*, current hotel listings) selected from the storage device (*e.g.*, current hotels information)).

The screenshot shows the Marriott Bonvoy website with a search form for weekend stays. The form is titled "SAVE ON WEEKEND STAYS" and "GET THE BEST RATES GUARANTEED ACROSS 30 BRANDS". It includes a "BOOK NOW" button. The search form has the following fields:

- Destination:** City, airport, attraction or address
- Dates:** Tue, Feb 25 - Wed, Feb 26 (1 NIGHT)
- Rooms & Guests:** 1 Room: 1 Adult/Room
- Special Rates:** None
- ☐ Use Points / Certificates
- FIND HOTELS** button

(<https://www.marriott.com/default.mi> (for a particular user)).

The screenshot shows the Marriott Bonvoy search results page for Los Angeles. The search criteria are:

- Destination:** Los Angeles, CA, USA
- Stay Dates (2 NIGHTS):** Sat, Mar 21, 2020 - Mon, Mar 23, 2020
- Rooms & Guests:** 1 Room: 1 Adult /Room
- EDIT** button

The search results show 30 unique brands. The filters applied are:

- Fitness center (162)
- Free breakfast (64)
- Kitchen (46)
- Pool (159)
- Restaurant on-site (112)

Showing 1 - 40 of 167 hotels. The results are sorted by Distance.

The first result is **The Westin Bonaventure Hotel & Suites, Los Angeles**, located at 404 South Figueroa Street Los Angeles, California 90071. It is 0.7 miles from the destination and has a Category 6 rating. The price is From 215 USD Avg./night. The **VIEW RATES** button is visible.

The second result is **Sheraton Grand Los Angeles**, located at 711 South Hope Street Los Angeles, California 90017. It is 0.9 miles from the destination and has a Category 5 rating. The price is 4.2 525 Reviews. The **VIEW RATES** button is visible.

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).



51. Plaintiff has been damaged as a result of Defendant's infringing conduct. Defendant is thus liable to Plaintiff for damages in an amount that adequately compensates Plaintiff for such Defendant's infringement of the '227 patent, *i.e.*, in an amount that by law cannot be less than would constitute a reasonable royalty for the use of the patented technology, together with interest and costs as fixed by this Court under 35 U.S.C. § 284.

52. On information and belief, Defendant has had at least constructive notice of the '227 patent by operation of law, and there are no marking requirements that have not been complied with.

**V. COUNT III**  
**(PATENT INFRINGEMENT OF UNITED STATES PATENT NO. 7,171,414)**

53. Plaintiff incorporates the above paragraphs herein by reference.

54. On January 30, 2007, United States Patent No. 7,171,414 ("the '414 Patent") was duly and legally issued by the United States Patent and Trademark Office. The '414 Patent is titled "Dynamic Page Generator." A true and correct copy of the '414 Patent is attached hereto as Exhibit G and incorporated herein by reference.

55. Digi Portal is the assignee of all right, title and interest in the '414 patent, including all rights to enforce and prosecute actions for infringement and to collect damages for all relevant times against infringers of the '414 Patent. Accordingly, Digi Portal possesses the exclusive right and standing to prosecute the present action for infringement of the '414 Patent by Defendant.

56. The application leading to the '414 patent was filed September 10, 1999, which was a continuation of application no. 08/873,975, which issued as the '227 patent. (Ex. G at cover). The '414 patent was first assigned to Yahoo! Inc. (*Id.*).

57. The invention in the '414 Patent relates to the field of customized information presentation on the web; more specifically, providing customized pages that are quickly served and scalable to handle many users simultaneously. (*Id.* at col. 1:29-33).

58. The '414 Patent shares the identical specification as the '854 patent and therefore Digi Portal incorporates the background and discussion of the invention in Paragraphs 13-25. Furthermore, the prosecution history of the '414 patent highlights advantages and unconventional features of the claimed invention including the "storing real-time information in a shared local storage device." An example of this limitation is when live data used to fill templates is stored local to the page server which is handling user requests for custom web pages. (Ex. I at 8; Ex. G at col. 2:11-15). Every piece of information that a person can request on a page is storable in a shared memory closely coupled to a page generator. (Ex. I at 9; Ex. G at col. 4:43-58). Unlike the prior art CGI process that required time consuming calls to other servers, storing real-time information in a shared local storage device, allows for any custom page to be built within the page server thereby eliminating the need to make requests from other servers for portions of the live data. (Ex. I at 9; Ex. G at col. 2:25-31).

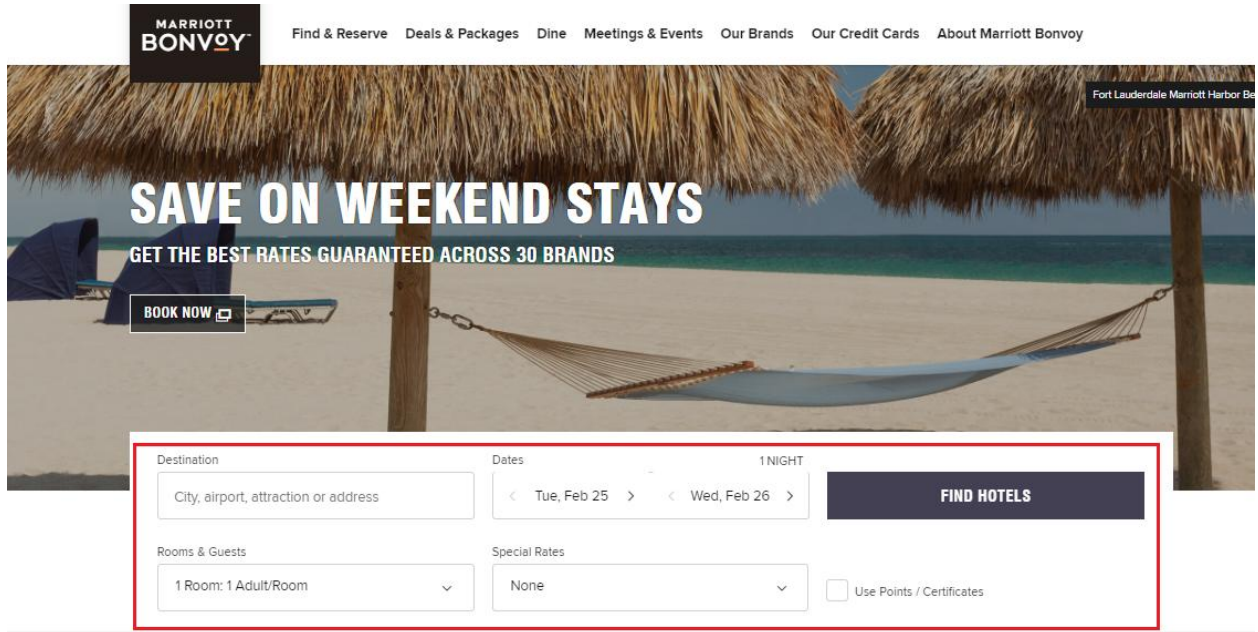
59. Furthermore, as show in the prosecution history of the '414 Patent, it was unconventional to receive the template program from one of at least two location, the frequency of the user request for the customized page determines the retrieval location of the template program. (Ex. H at 9-10). In the prior art, the published web site was stored on a server and provided from one server location regardless of the frequency of the user requests for the web site. (*Id.*). The examiner agreed that the claim was allowable because the prior art did not disclose that in a page server coupled to a network a method of providing a customized page to a user, the customized page is customized according to the user's preferences, and the template is

received from one of at least two locations, the location determined from frequency of the user request for the customized page. (Ex. J at 3).

60. **Direct Infringement.** Upon information and belief, Defendant has been directly infringing at least claims 1 and 3 of the '414 patent in Delaware, and elsewhere in the United States, by performing actions comprising using or performing the claimed method using the Marriott.com website ("Accused Instrumentality"). The Accused Instrumentality uses a page server (*e.g.*, the Marriott.com server), to provide a customized page (*e.g.*, webpage which displays available hotels meeting a user's search parameters) to a user, wherein the customized page is customized according to the user's preferences (*e.g.*, a user's selected location's relevant currently available hotels information).

61. On information and belief, the Accused Instrumentality performs the step of obtaining real-time information from information sources (*e.g.*, an API is used to gather real-time hotels information for information source) and stores them in a shared local storage device (*e.g.*, hotels information will be gathered from information source using an API and/or scripts, and stored, at least temporarily, on a local web/API server web server).





**MARRIOTT BONVOY**

Find & Reserve Deals & Packages Dine Meetings & Events Our Brands Our Credit Cards About Marriott Bonvoy

**SAVE ON WEEKEND STAYS**  
GET THE BEST RATES GUARANTEED ACROSS 30 BRANDS

**BOOK NOW**

Destination: City, airport, attraction or address

Dates: 1 NIGHT  
< Tue, Feb 25 > < Wed, Feb 26 >

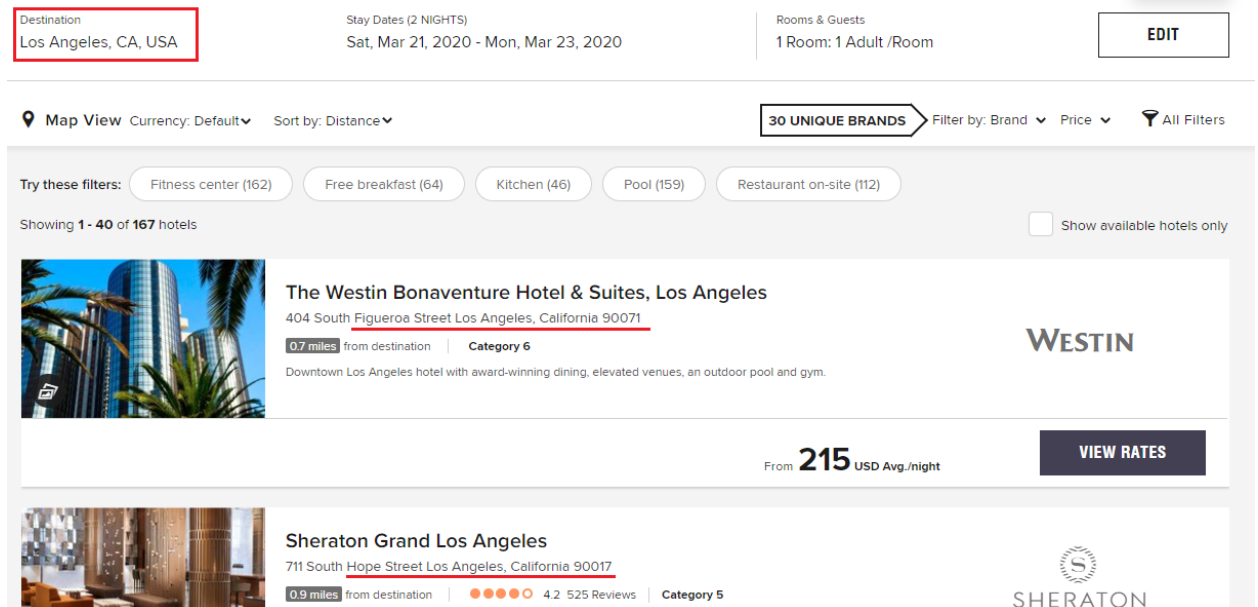
**FIND HOTELS**

Rooms & Guests: 1 Room: 1 Adult/Room

Special Rates: None

☐ Use Points / Certificates

(<https://www.marriott.com/default.mi> (for a particular user)).



Destination: Los Angeles, CA, USA

Stay Dates (2 NIGHTS): Sat, Mar 21, 2020 - Mon, Mar 23, 2020

Rooms & Guests: 1 Room: 1 Adult /Room

**EDIT**

Map View Currency: Default Sort by: Distance

**30 UNIQUE BRANDS** Filter by: Brand Price All Filters

Try these filters: Fitness center (162) Free breakfast (64) Kitchen (46) Pool (159) Restaurant on-site (112)

Showing 1 - 40 of 167 hotels ☐ Show available hotels only

**The Westin Bonaventure Hotel & Suites, Los Angeles**  
404 South Figueroa Street Los Angeles, California 90071  
0.7 miles from destination | Category 6  
Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.

**WESTIN**

From **215** USD Avg./night **VIEW RATES**

**Sheraton Grand Los Angeles**  
711 South Hope Street Los Angeles, California 90017  
0.9 miles from destination | 4.2 525 Reviews | Category 5

**SHERATON**

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

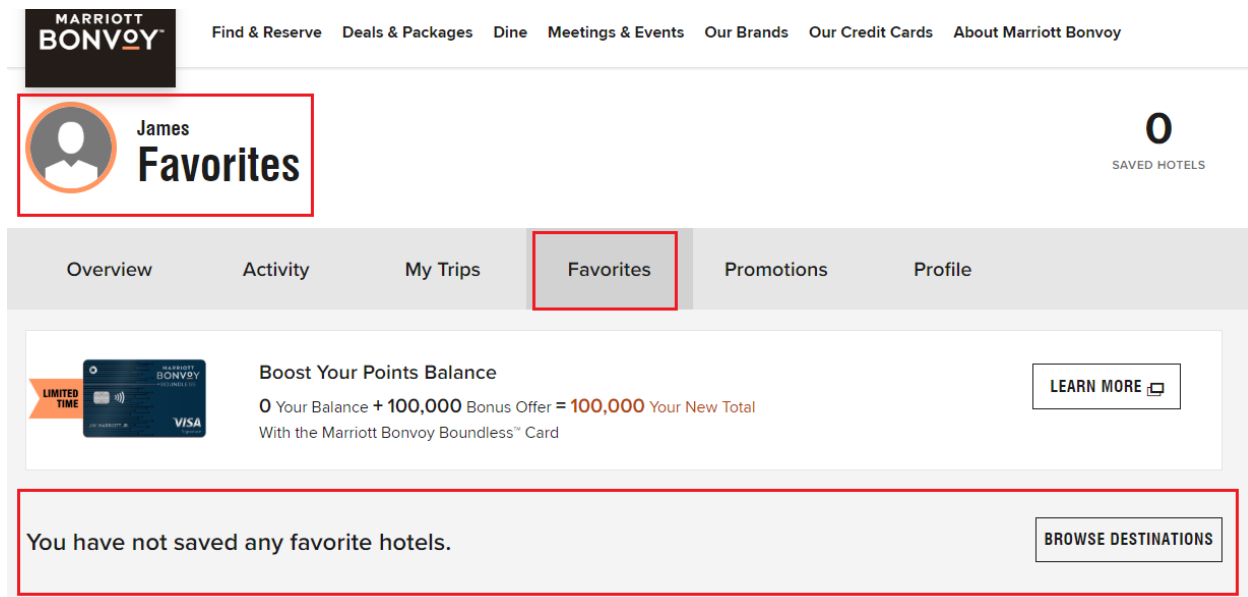
Currently available  
hotels information  
retrieved from  
information source

```
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LGBFP" data-brand="SI" data-map="true" data-pnum="14" data-property="{\"lat\": \"34.080365\", \"longitude\":
\"-118.097331\", \"brand\": \"SI\", \"marshaCode\": \"LGBFP\", \"hwsInLanguageMissing\": \"false\", \"price\": \"142\", \"symbol\": \"USD\", \"type\":
\"\", \"hotelName\": \"Sheraton Los Angeles San Gabriel\", \"propertyType\": \"\", \"propMarkerLabel\": \"\", \"propMarkerBedLabel\":
\"\", \"index\": \"\"}" data-marsha="LGBFP" data-close-text="Close" data-city="San Gabriel" data-statecode="CA" data-
stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-
space-name></div>
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRO" data-brand="RI" data-map="true" data-pnum="15" data-property="{\"lat\": \"34.150267\", \"longitude\":
\"-118.150847\", \"brand\": \"RI\", \"marshaCode\": \"LAXRO\", \"hwsInLanguageMissing\": \"false\", \"price\": \"160\", \"symbol\": \"USD\", \"type\":
\"\", \"hotelName\": \"Residence Inn Los Angeles Pasadena/Old Town\", \"propertyType\": \"\", \"propMarkerLabel\": \"\",
\"propMarkerBedLabel\": \"\", \"index\": \"\"}" data-marsha="LAXRO" data-close-text="Close" data-city="Pasadena" data-statecode="
CA" data-stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space
data-function-space-name></div>
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXBV" data-brand="MC" data-map="true" data-pnum="16" data-property="{\"lat\": \"34.056333\", \"longitude\":
\"-118.395855\", \"brand\": \"MC\", \"marshaCode\": \"LAXBV\", \"hwsInLanguageMissing\": \"false\", \"price\": \"260\", \"symbol\": \"USD\", \"type\":
\"\", \"hotelName\": \"Beverly Hills Marriott\", \"propertyType\": \"\", \"propMarkerLabel\": \"\", \"propMarkerBedLabel\": \"\", \"index\": \"\"}"
data-marsha="LAXBV" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince="
California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name></div>
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRB" data-brand="RI" data-map="true" data-pnum="17" data-property="{\"lat\": \"34.05572\", \"longitude\":
\"-118.395933\", \"brand\": \"RI\", \"marshaCode\": \"LAXRB\", \"hwsInLanguageMissing\": \"false\", \"price\": \"190\", \"symbol\": \"USD\", \"type\":
\"\", \"hotelName\": \"Residence Inn Beverly Hills\", \"propertyType\": \"\", \"propMarkerLabel\": \"\", \"propMarkerBedLabel\": \"\", \"index\":
\"\"}" data-marsha="LAXRB" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince="
California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name></div>
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXEB" data-brand="EB" data-map="true" data-pnum="18" data-property="{\"lat\": \"34.0904\", \"longitude\":
\"-118.389156\", \"brand\": \"EB\", \"marshaCode\": \"LAXEB\", \"hwsInLanguageMissing\": \"false\", \"price\": \"454\", \"symbol\": \"USD\", \"type\":
\"\", \"hotelName\": \"The West Hollywood EDITION\", \"propertyType\": \"NEW\", \"propMarkerLabel\": \"\", \"propMarkerBedLabel\":
\"\", \"index\": \"\"}" data-marsha="LAXEB" data-close-text="Close" data-city="West Hollywood" data-statecode="CA" data-
```

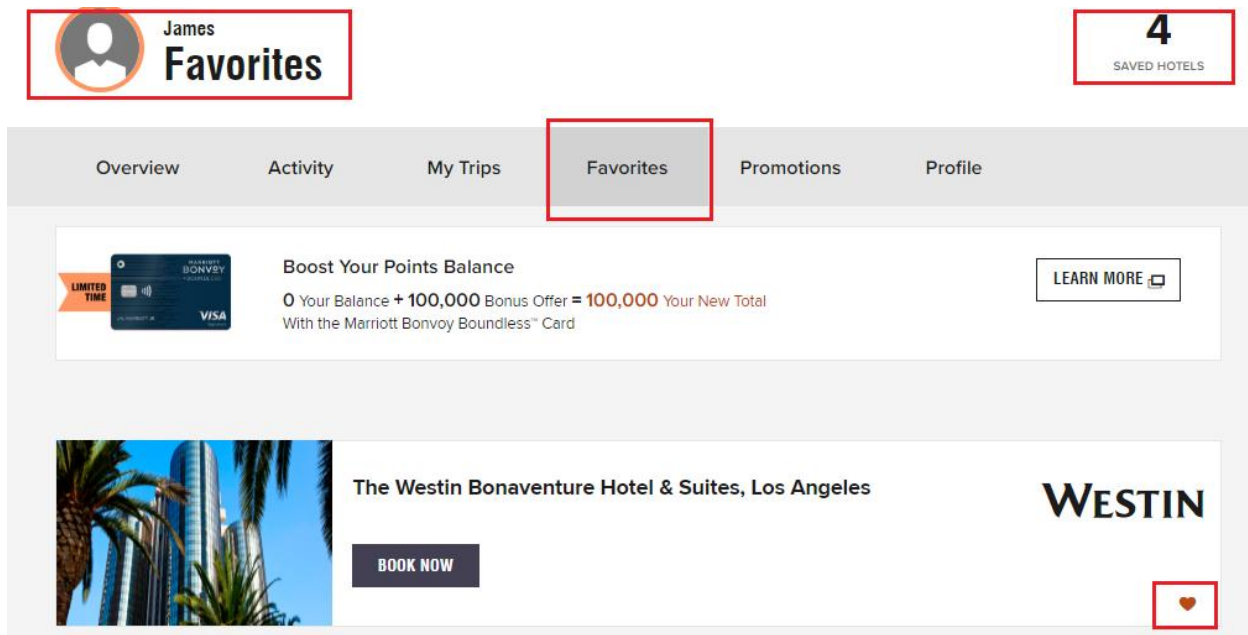
(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

62. On information and belief, the Accused Instrumentality performs the step of storing a user-specific template program (*e.g.*, generic template customized to a user-specific template program based on user-specific interests & with real-time information) for the user in a data structure associated with a user identifier unique to the user (*e.g.*, a template program will be created for a user's particular search so that the template program can be executed as to display the user's search results as a webpage; the template program is assigned an identifying number so it can be tied to a particular user's search query; the template program will be stored, at least temporarily on a Marriott.com server). The accused instrumentality uses the template program that is unique to the user which is generated using customization information unique to the user and a global template that is generic to a plurality of users. As shown below, after a user logs in, marriott.com can display hotels saved to favorites by user. As such, a user-specific template program utilized to create the displayed websites that show a user's upcoming hotel

bookings must be stored in a database wherein said template program is tied to a user's log in information/account.



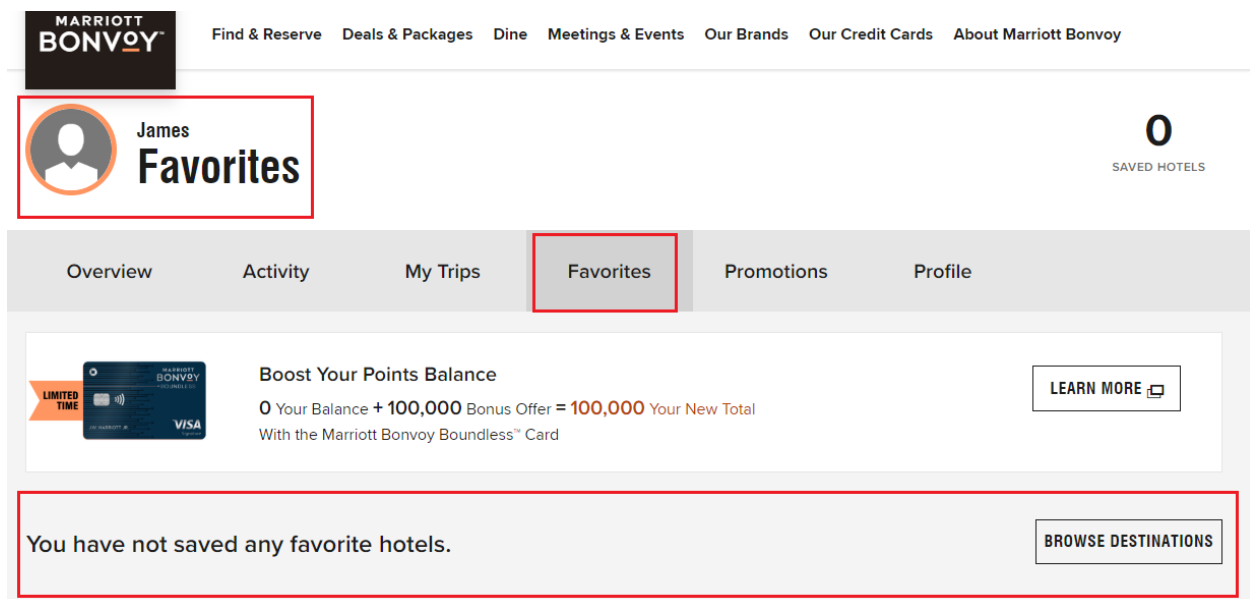
(<https://www.marriott.com/loyalty/myAccount/savedHotels.mi> (for a particular user)).



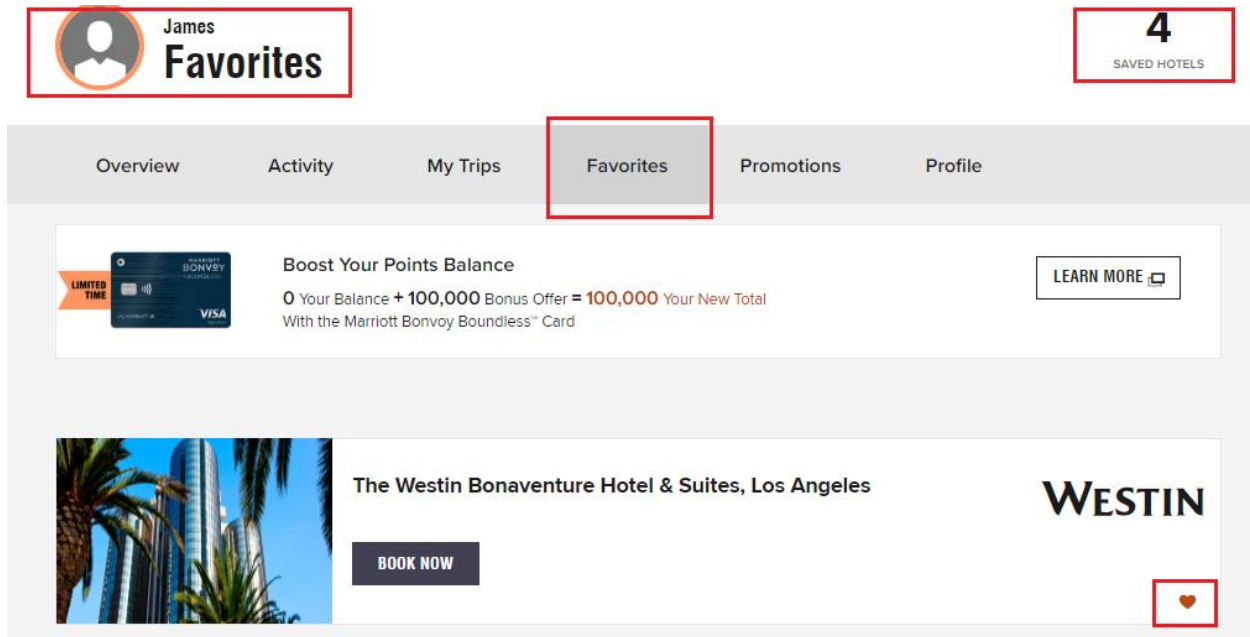
(<https://www.marriott.com/loyalty/myAccount/savedHotels.mi> (for a particular user)).

63. Upon information and belief, the Accused Instrumentality performs the step of receiving, from the user and at the page server (e.g., Marriott.com server), a user request (e.g.,

user login, search initiation, etc.) for a customized page (*e.g.*, the Marriott.com server receives a user's request for hotels information meeting their inputted parameters) and determining a user identifier associated with the request (*e.g.*, the Marriott.com server assigns an identifying number to the user's search). As shown below, after a user logs in, Marriott.com can display hotels saved to favorites by user. As such, a user-specific template program utilized to create the displayed websites that show a user's favorite hotels must be stored in a database wherein the template program is tied to a user's log in information/account.



(<https://www.marriott.com/loyalty/myAccount/savedHotels.mi> (for a particular user)).



(<https://www.marriott.com/loyalty/myAccount/savedHotels.mi> (for a particular user)).

64. On information and belief, the Accused Instrumentality performs the step of receiving a template program specific to the user using the determined user identifier associated with the user request (e.g., the Marriott.com server will receive a template program, which is the code and data that represents the search results webpage to be delivered to a user, that is identified by a number and linked to a user and their search query). The accused instrumentality uses the template program that is unique to the user which is generated using customization information unique to the user and a global template that is generic to a plurality of users. As shown below, after a user logs in, marriott.com can display hotels saved to favorites by user. As such, a user-specific template program utilized to create the displayed websites that show a user's upcoming hotel bookings must be stored in a database wherein said template program is tied to a user's log in information/account.

MARRIOTT BONVOY

Find & Reserve Deals & Packages Dine Meetings & Events Our Brands Our Credit Cards About Marriott Bonvoy

James **Favorites** 0 SAVED HOTELS

Overview Activity My Trips **Favorites** Promotions Profile

**Boost Your Points Balance**  
 0 Your Balance + 100,000 Bonus Offer = 100,000 Your New Total  
 With the Marriott Bonvoy Boundless™ Card

LEARN MORE

You have not saved any favorite hotels. BROWSE DESTINATIONS

(<https://www.marriott.com/loyalty/myAccount/savedHotels.mi> (for a particular user)).

James **Favorites** 4 SAVED HOTELS

Overview Activity My Trips **Favorites** Promotions Profile

**Boost Your Points Balance**  
 0 Your Balance + 100,000 Bonus Offer = 100,000 Your New Total  
 With the Marriott Bonvoy Boundless™ Card

LEARN MORE

The Westin Bonaventure Hotel & Suites, Los Angeles

BOOK NOW

WESTIN

(<https://www.marriott.com/loyalty/myAccount/savedHotels.mi> (for a particular user)).

65. On information and belief, the Accused Instrumentality performs the step that the template program is received from one of at least two locations, the location determined from frequency of the user request for the customized page (e.g., the code and objects making up a



webpage delivered to the user may be fetched from a main server or from a user's local cache depending on how often the user inputs a similar search query).

66. In at least testing and usage, the accused instrumentality practices receiving a template program (*e.g.*, software instructions and data used for rendering a particular user's search results page such as a JavaScript page) that is unique to the user (*e.g.*, JavaScript pages will be specific to a user because the content can be modified by and/or customized for a user) and based on user configuration information (*e.g.*, a user can customize the content of their templates and what will be rendered and displayed using the templates by entering information such as their requested location) the user configuration information being supplied by the user (*e.g.*, a user defines the information their template will display by inputting information such as their requested location) and used to build the template program that is unique to the user (*e.g.*, user configuration information is used to modify templates, create instructions, and designate appropriate data retrieval for rendering the user's specific page) and wherein the template program is received from one of at least two locations (*e.g.*, the data and templates comprising a user's page may be retrieved from a main server/disk storage), the location determined from the frequency of the user request for the customized page (*e.g.*, based on the frequency at which a user logs in or accesses the Marriott.com page, the data comprising the users page may be stored at a main server). Template information that is part of the template program is stored for less frequently accessed files in the main storage and for more frequently accessed files in storage on the user's computer. Running the template program (page generation code, tiles, containers, and user data) creates the customized webpage. Webpage information can be stored in a Javascript object that is used in logic to display various available hotels and other site logic-based conditions. The template information is stored in multiple locations: (1) At runtime, in a



Javascript object with the data structure called Context Data; (2) Within browser local storage; and (3) browser cookies.

```

KTS1/v1/Locations/ data-title= Current Location data-neartext= near data-error-popup-button-text= UK >
<input type="hidden" class="search-google-map" name data-options="{\"api\":\"/maps.googleapis.com/maps/api/js?v=3.exp&client=gme-marriottinternational&libraries=places,geometry&signed_in=false&region=\", \"language\": \"en\"}>
▼<div class="m-field-control l-margin-bottom-three-quarters l-datepicker-open l-xl-col-4 l-pos-relative js-clearinput
l-hsearch-loc l-clear clearfix js-location js-auto-complete " data-options="{\"autocompleteURL\":\"/aries-search/v1/
autocomplete.comp\", \"permittedLocales\": \"en-GB,en-AU,en-US\", \"suggestionSortOrder\":
\"city,property,airport,poi,state,country\", \"placesUrl\": \"/aries-search/v2/autocomplete.comp\"}>
  <label for="3F5MIUHW" class="field-title "> Destination </label>
  ▼<div class="l-display-flex">
    <span class="animate-placeholder-text " style="display: flex; opacity: 1;">Try "Times Square"</span>
    <input id="3F5MIUHW search-location" autocomplete="off" type="text" name="destinationAddress,destination" value
    placeholder aria-label="City, airport, attraction or address" maxlength="100" class="js-geoloc-target single-
    search single-search-destination js-recent-search js-search-location js-moreoptions-expander js-clear-input l-no-
    ie-clear l-h-field js-hform-fields js-auto-complete-input-v2" data-target="destination" aria-autocomplete="list"
    tabindex="2" data-count="3"> == $0
    <span class="l-icon-inline t-icon t-icon-navigation-close js-clear-trigger" title="Clear"></span>
  </div>
  <div class="autocomplete-scroller-wrapper custom-wrapper" style="display: none;"></div>
  <div aria-live="assertive" class="is-hidden-label"></div>
  ::after
</div>
▶<div class="l-find-container js-find-container l-xl-col-4 l-pos-rel "></div>
  <input type="hidden" class="autosuggest-cat-headers" data-category-params="{\"recent\":\"Recent\", \"clear\":\"Clear
  Recent\", \"city\":\"CITIES\", \"property\": \"Hotel\", \"state\": \"STATES\", \"country\":\"COUNTRIES/REGIONS\", \"airport\":
  \"AIRPORTS\", \"poi\":\"POINTS OF INTEREST\", \"label\":\"Continue typing to narrow your results\", \"searchResults\":\"Search
  Results\", \"currentLocation\":\"Current Location\", \"recentlyViewedLabel\": \"Recently Viewed\", \"recentSearchesLabel\":
  \"Recent Searches\", \"clearRecentLabel\": \"CLEAR RECENT\", \"showMoreLabel\": \"SHOW MORE\", \"showLessLabel\": \"SHOW LESS\",
  \"showRecentlyViewedProperties\": true, \"minRecentlyViewedPropertiesLimit\": 2, \"maxRecentlyViewedPropertiesLimit\": 5,
  \"expandedLabel\": \"expanded\", \"collapsedLabel\": \"collapsed\" }>
  <div class="date-picker-overlay"></div>
  ▶<div class="m-field-control m-date-picker l-date-picker l-margin-bottom-three-quarters l-pos-relative l-xs-col-4 l-
  xl-col-4 " data-trigger="false" data-is-non-dated-search="false" data-associate-flow></div>

```

Search terms initially  
stored in variables

(E.g., <https://www.marriott.com/default.mi> (for a particular user)).

```

ule:m,logger:n,propertySettings:u,replaceTokens:o};Object.keys(r.modules).forEach(function(t
){var e=r.modules[t],n=j(function(e){var n=oe(t,e);return
s.getModuleExports(n)});s.registerModule(t,e,a,n,i)})),s.hydrateCache())return
s},xe=function(e,n,t,a,r){var i=j.createPrefixedLogger("Custom Script");e.track=function(e)
{j.log(''+e+' does not match any direct call identifiers.')),e.getVisitorId=function()
{return null},e.property=
{name:n.property.name},e.company=n.company,e.buildInfo=n.buildInfo,e.logger=i,e.notify=funct
ion(e,n){switch(j.warn("_satellite.notify is deprecated. Please use the `_satellite.logger`
API."),n){case 3:i.info(e);break;case 4:i.warn(e);break;case
5:i.error(e);break;default:i.log(e)}},e.getVar=a,e.setVar=r,e.setCookie=function(e,n,t){var

```

(E.g., <https://assets.adobedtm.com/launch-EN1ce795381cea451fa40478e502ecce2f.min.js> (for a particular user)).

```
[],actions:[{modulePath:"core/src/lib/actions/customCode.js",settings:
{global:!0,source:'/*STORE PAGENAME IN LOCAL STORAGE FOR MDL*/\nif (typeof dataLayer !==
"undefined") {dataLayer.previous_page =
localStorage.getItem(\'previous_page\')}\nlocalStorage.setItem(\'previous_page\',
location.hostname + location.pathname);\n\n/*check for Bonvoy JOIN, set for once per
session*/\nif (window.dataLayer.mr_enrolled == "true" &&
sessionStorage.getItem("mr_enrolled_num") !== "1" &&
document.location.href.indexOf("signIn") == -1) {\n  sessionStorage.setItem("mr enrolled",
"true");\n  sessionStorage.setItem("mr enrolled num", 1);\n}\n\nelse if
(window.dataLayer.mr_enrolled == "true" && sessionStorage.getItem("mr_enrolled_num", 1) ==
"1"){
  sessionStorage.setItem("mr_enrolled", "false")\n}\n\n/*LOAD A SCRIPT WITH A
CALLBACK FUNCTION*/\nfunction launchLoadScriptCallback(a, c, b) {\n  var d =
document.getElementsByTagName("script"),\n      e;\n  b = d[0];\n  for (e = 0; e <
```

(E.g., <https://assets.adobedtm.com/launch-EN1ce795381cea451fa40478e502ecce2f.min.js> (for a particular user)).

67. On information and belief, the Accused Instrumentality performs the step of executing the template program (e.g., code, objects, APIs, scripts, etc.) specific to the user (e.g., the code and other elements composing the webpage are created for a particular user's search query) using the real-time information stored in the shared local storage device (e.g., hotels information pulled from information source and stored at least temporarily on an Marriott.com server) to generate the customized page (e.g., hotels search results).

Destination  
Los Angeles, CA, USA

Stay Dates (2 NIGHTS)  
Sat, Mar 21, 2020 - Mon, Mar 23, 2020


Rooms & Guests  
1 Room: 1 Adult /Room

EDIT

Map View Currency: Default Sort by: Distance
30 UNIQUE BRANDS Filter by: Brand Price All Filters

Try these filters: Fitness center (162) Free breakfast (64) Kitchen (46) Pool (159) Restaurant on-site (112)

Showing 1 - 40 of 167 hotels ☐ Show available hotels only




**The Westin Bonaventure Hotel & Suites, Los Angeles**  
404 South Figueroa Street Los Angeles, California 90071  
0.7 miles from destination | Category 6  
Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.

WESTIN

From **215** USD Avg./night

VIEW RATES



**Sheraton Grand Los Angeles**  
711 South Hope Street Los Angeles, California 90017  
0.9 miles from destination | 4.2 525 Reviews | Category 5

SHERATON

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

Currently available  
hotels information  
retrieved from  
information source

```
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LGBFP" data-brand="SI" data-map="true" data-pnum="14" data-property="{\"lat\": \"34.080365\", \"longitude\":
-118.097331\", \"brand\": \"SI\", \"marshaCode\": \"LGBFP\", \"hwsInLanguageMissing\": \"false\", \"price\": \"142\", \"symbol\": \"USD\", \"type\":
\", \"hotelName\": \"Sheraton Los Angeles San Gabriel\", \"propertyType\": \"\", \"propMarkerLabel\": \"\", \"propMarkerBedLabel\":
\", \"index\": \"\"}\" data-marsha="LGBFP" data-close-text="Close" data-city="San Gabriel" data-statecode="CA" data-
stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-
space-name"></div>
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRO" data-brand="RI" data-map="true" data-pnum="15" data-property="{\"lat\": \"34.150267\", \"longitude\":
-118.150847\", \"brand\": \"RI\", \"marshaCode\": \"LAXRO\", \"hwsInLanguageMissing\": \"false\", \"price\": \"160\", \"symbol\": \"USD\", \"type\":
\", \"hotelName\": \"Residence Inn Los Angeles Pasadena/Old Town\", \"propertyType\": \"\", \"propMarkerLabel\": \"\",
\"propMarkerBedLabel\": \"\", \"index\": \"\"}\" data-marsha="LAXRO" data-close-text="Close" data-city="Pasadena" data-statecode="
CA" data-stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space
data-function-space-name"></div>
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXBV" data-brand="MC" data-map="true" data-pnum="16" data-property="{\"lat\": \"34.056333\", \"longitude\":
-118.395855\", \"brand\": \"MC\", \"marshaCode\": \"LAXBV\", \"hwsInLanguageMissing\": \"false\", \"price\": \"260\", \"symbol\": \"USD\", \"type\":
\", \"hotelName\": \"Beverly Hills Marriott\", \"propertyType\": \"\", \"propMarkerLabel\": \"\", \"propMarkerBedLabel\": \"\", \"index\": \"\"}\"
data-marsha="LAXBV" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince=
"California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name">...
</div>
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRB" data-brand="RI" data-map="true" data-pnum="17" data-property="{\"lat\": \"34.05572\", \"longitude\":
-118.395933\", \"brand\": \"RI\", \"marshaCode\": \"LAXRB\", \"hwsInLanguageMissing\": \"false\", \"price\": \"190\", \"symbol\": \"USD\", \"type\":
\", \"hotelName\": \"Residence Inn Beverly Hills\", \"propertyType\": \"\", \"propMarkerLabel\": \"\", \"propMarkerBedLabel\": \"\", \"index\":
\", \"index\": \"\"}\" data-marsha="LAXRB" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince=
"California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name">...
</div>
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXEB" data-brand="EB" data-map="true" data-pnum="18" data-property="{\"lat\": \"34.0904\", \"longitude\":
-118.389156\", \"brand\": \"EB\", \"marshaCode\": \"LAXEB\", \"hwsInLanguageMissing\": \"false\", \"price\": \"454\", \"symbol\": \"USD\", \"type\":
\", \"hotelName\": \"The West Hollywood EDITION\", \"propertyType\": \"NEW\", \"propMarkerLabel\": \"\", \"propMarkerBedLabel\":
\", \"index\": \"\"}\" data-marsha="LAXEB" data-close-text="Close" data-city="West Hollywood" data-statecode="CA" data-
```

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

68. On information and belief, the Accused Instrumentality performs the step that the template program indicates items of interest to the user; and providing the user with the customized page (*e.g.*, the code/scripts/etc. will create a webpage that displays hotels information related to a user's search query). Users have varying hotels and prices displayed based upon the users' respective locations (*i.e.*, real-time information selected for the user's customized web page based on the customization information unique to the user such as current hotels and prices).

Destination  
Los Angeles, CA, USA

Stay Dates (2 NIGHTS)  
Sat, Mar 21, 2020 - Mon, Mar 23, 2020


Rooms & Guests  
1 Room: 1 Adult /Room

EDIT

Map View
Currency: Default
Sort by: Distance
30 UNIQUE BRANDS
Filter by: Brand Price All Filters

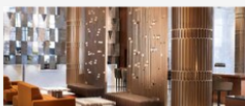
Try these filters:
Fitness center (162)
Free breakfast (64)
Kitchen (46)
Pool (159)
Restaurant on-site (112)

Showing 1 - 40 of 167 hotels
☐ Show available hotels only



**The Westin Bonaventure Hotel & Suites, Los Angeles**  
404 South Figueroa Street Los Angeles, California 90071  
0.7 miles from destination | Category 6  
Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.

From **215** USD Avg./night
VIEW RATES



**Sheraton Grand Los Angeles**  
711 South Hope Street Los Angeles, California 90017  
0.9 miles from destination | 4.2 525 Reviews | Category 5

SHERATON

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

Currently available  
hotels information  
retrieved from  
information source

```

<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LGBFP" data-brand="SI" data-map="true" data-pnum="14" data-property="{"lat": 34.080365,"longitude":
-118.097331,"brand": "SI","marshaCode": "LGBFP","hwsInLanguageMissing": "false","price": "142","symbol": "USD","type":
","hotelName": "Sheraton Los Angeles San Gabriel","propertyType": ","propMarkerLabel": ","propMarkerBedLabel":
","index": ","}&" data-marsha="LGBFP" data-close-text="Close" data-city="San Gabriel" data-statecode="CA" data-
stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-
space-name"></div>
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRO" data-brand="RI" data-map="true" data-pnum="15" data-property="{"lat": 34.150267,"longitude":
-118.150847,"brand": "RI","marshaCode": "LAXRO","hwsInLanguageMissing": "false","price": "160","symbol": "USD","type":
","hotelName": "Residence Inn Los Angeles Pasadena/Old Town","propertyType": ","propMarkerLabel": ","
propMarkerBedLabel": ","index": ","}&" data-marsha="LAXRO" data-close-text="Close" data-city="Pasadena" data-statecode=
"CA" data-stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space
data-function-space-name"></div>
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXBV" data-brand="MC" data-map="true" data-pnum="16" data-property="{"lat": 34.063333,"longitude":
-118.395855,"brand": "MC","marshaCode": "LAXBV","hwsInLanguageMissing": "false","price": "260","symbol": "USD","type":
","hotelName": "Beverly Hills Marriott","propertyType": ","propMarkerLabel": ","propMarkerBedLabel": ","index": ","}&"
data-marsha="LAXBV" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince=
"California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name">
</div>
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRB" data-brand="RI" data-map="true" data-pnum="17" data-property="{"lat": 34.05572,"longitude":
-118.395933,"brand": "RI","marshaCode": "LAXRB","hwsInLanguageMissing": "false","price": "190","symbol": "USD","type":
","hotelName": "Residence Inn Beverly Hills","propertyType": ","propMarkerLabel": ","propMarkerBedLabel": ","index":
","}&" data-marsha="LAXRB" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince=
"California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name">
</div>
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXEB" data-brand="EB" data-map="true" data-pnum="18" data-property="{"lat": 34.0904,"longitude":
-118.389156,"brand": "EB","marshaCode": "LAXEB","hwsInLanguageMissing": "false","price": "454","symbol": "USD","type":
","hotelName": "The West Hollywood EDITION","propertyType": "NEW","propMarkerLabel": ","propMarkerBedLabel":
","index": ","}&" data-marsha="LAXEB" data-close-text="Close" data-city="West Hollywood" data-statecode="CA" data-

```

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

69. On information and belief, the Accused Instrumentality performs the step of receiving user preferences (e.g., the search terms inputted by a user such as preferences set by

user for hotels search) for the user, wherein the user preferences indicate the items of interest to the user (e.g., hotels and prices near a user location) and combining the user preferences (e.g., the search terms inputted by a user such as preferences set by user for hotels search) with a generic template (e.g., a generic webpage template) to form the template program specific to the user (e.g., the code for the entire webpage that utilizes a generic template and user's inputted search terms to create a webpage that is customized to display a user's search results).

Destination: Los Angeles, CA, USA | Stay Dates (2 NIGHTS): Sat, Mar 21, 2020 - Mon, Mar 23, 2020 | Rooms & Guests: 1 Room: 1 Adult /Room | EDIT

Map View | Currency: Default | Sort by: Distance | 30 UNIQUE BRANDS | Filter by: Brand | Price | All Filters

Try these filters: Fitness center (162) | Free breakfast (64) | Kitchen (46) | Pool (159) | Restaurant on-site (112)

Showing 1 - 40 of 167 hotels | ☐ Show available hotels only

**The Westin Bonaventure Hotel & Suites, Los Angeles**  
 404 South Figueroa Street Los Angeles, California 90071  
 0.7 miles from destination | Category 6  
 Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.

From **215** USD Avg./night | **VIEW RATES**

**Sheraton Grand Los Angeles**  
 711 South Hope Street Los Angeles, California 90017  
 0.9 miles from destination | 4.2 525 Reviews | Category 5

SHERATON

(E.g., <https://www.marriott.com/search/findHotels.mi> (for a particular user)).

As shown below, Marriott.com uses a generic template to define how the webpage should generally be laid out and displayed.



```

<doctype html>
<html xmlns="http://www.w3.org/1999/xhtml" lang="en-US" xml:lang="en-US" class="webkit chrome chrome79 win js non-retina
orientation_landscape maxw_1280" style="overflow: visible; position: static;">
  <head class="at-element-marker"></head>
  <body class="t-bg-white is-form-takeover" data-hide-print style="overflow: visible; position: static;">
    <a name="topOfPage"></a>
    <div id="page-container" class="page-container">
      <header class="m-header"></header>
      <div id="salesforce_code_insert"></div>
      <div class="id-content-wrapper" id="main-body-wrapper">
        <div class="l-row"></div>
        <div class="l-row">
          <div class="mi-sub-section bleed-sub-section l-margin-subsection-bottom-small l-margin-tile-vertical-default l-padding-tile-
vertical-default l-padding-subsection-vertical-none"></div>
          <section class="mi-sub-section sub-section l-print-fullbleed l-container l-margin-subsection-bottom-small l-margin-tile-vertical-
default l-padding-tile-vertical-default l-padding-subsection-vertical-none mi-sub-section-blank"></section>
          <section class="mi-sub-section two-col-sub-section l-print-fullbleed l-container l-margin-subsection-bottom-none l-margin-tile-
vertical-default l-padding-tile-vertical-default l-padding-subsection-vertical-none" style="position: relative;"></section>
          <div class="mi-sub-section bleed-sub-section t-bg-standard-30 l-margin-subsection-bottom-none l-margin-tile-vertical-default l-
padding-tile-vertical-default l-padding-subsection-vertical-none">
            <div id="SuggestedFilters338f"></div>
            <div id="propertyRecords54b9">
              <script type="text/mi-context" name="tileMessageErrorActions_propertyRecords54b9" defer="defer">{"DEFAULT":{"type":"component-
level-message","action":"error"}}</script>
              <script type="text/mi-context" name="tileErrorMessageContext_propertyRecords54b9" defer="defer"></script>
              <script type="text/mi-context" name="propertyRecords54b9" defer="defer"></script>
              <script type="text/mi-context" name="propertyRecords54b9" defer="defer"></script>
              <div class="tile-property-records l-row property-records" data-spinner-label="FETCHING HOTEL INFORMATION..." data-back-results-
label="Back to Search Results" data-marrowerfid data-enable-map-based-search="true" data-language-code="en" data-img="{\"pinImg\":
\"/Images/Icons/Search/pin-gmap.png\", \"pinBlue\": \" /Images/Icons/Search/pin-gmap-blue.png\", \"clustImg\": \"https://cache.marriott.com/
marriottassets/icons/pin-cluster-sm.png\", \"clustBlue\": \" /Images/Icons/Search/pin-cluster-sm-hover.png\", \"pinAdd\": \" /Images/Icons/
Search/pinloc.png\"}" data-ctrl="false" data-isaddress="false" data-searchlocation data-searchlat data-searching data-refine

```

(E.g., <https://www.marriott.com/search/findHotels.mi> (for a particular user)).

As shown below, Marriott.com will then combine the template with customized data pulled based upon a user's search inputs in order to create a template program executable by a user's browser, so that the customized webpage can be displayed to the user.

```

show-recently-viewed-properties="true" data-component-id="propertyRecords_01_54b9" data-component-name="propertyRecords" data-
component-endpoint="/api/search/v1/propertyRecords-comp"
<div class="js-wrapper 1-pos-relative height-100">
  <div data-view="list" class="js-list-container 1-container 1-s-container-fullbleed 1-init">
    <div class="1-l-col-8 1-m-col-5 hotels-banner">
      <h1 class="1-results-summary 1-padding-top-three-quarters 1-font-s t-line-height-m 1-margin-none t-font-weight-normal t-
font-family-proximanova">...</h1>
      <div class="m-map-page-nation t-bg-standard-10 t-font-s 1-margin-bottom-half t-color-standard-20 1-padding-half t-font-
xs t-line-height-xs">1&nbsp;40&nbsp;167&nbsp;hotels</div>
    </div>
    <div class="available-hotel-wrapper 1-m-col-3 1-l-col-4 1-right-align 1-padding-top-five-quarters">
      <fieldset class="1-margin-none 1-padding-none t-border-none">...</fieldset>
    </div>
    <div class="js-property-results 1-l-col-12 1-xl-col-12 1-l-col-last 1-xl-col-last height-100 1-clear-both">
      <div id="merch-property-results" data-hotelmarschacodes="LAXBW;LAXGR;LAXLD;LAXRI;LAXLZ;LAXJW;LAXWH;LAXMP;LAXRL;LAXAB;
LAXTG;LAXLS;LAXSP;LAXOT;LGBFP;LAXRO;LAXBV;LAXRB;LAXB;BURSI;LAXDS;LAXPN;BURSH;LAXF;BURRI;LAXCY;LAXMF;LAXCE;LAXMI;LAXRR;
LAXFP;BURCY;LAXAP;LAXAX;LAXSI;LAXHC;LAXTH;LAXCY;LAXNB;BURAP;" class="map-view-scroll-wrapper 1-pos-relative touch-event-
binded">
        <div class="js-property-list-container map-view-scroll-space">
          <div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m in-focus js-property-record-item" id=
"property-record-map-LAXBW" data-brand="WI" data-map="true" data-pnum="0" data-property="{"lat":
"34.0529","longitude":-118.2565,"brand":"WI","marshaCode":"LAXBW","hwsInLanguageMissing":"false","price":
"215","symbol":"USD","type":"","hotelName":"The Westin Bonaventure Hotel & Suites, Los Angeles","propertyType":
"","propMarkerLabel":"","propMarkerBedLabel":"","index":""}" data-marsha="LAXBW" data-close-text="Close" data-city=
"Los Angeles" data-statecode="CA" data-stateprovince="California" data-country="US" data-promo-code data-marsha-brand-
code data-function-space data-function-space-name">...</div>
          <div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXGR" data-brand="SI" data-map="true" data-pnum="1" data-property="{"lat":"34.047831","longitude":
-118.257752,"brand":"SI","marshaCode":"LAXGR","hwsInLanguageMissing":"false","price":"194","symbol":"USD","type":
"","hotelName":"Sheraton Grand Los Angeles","propertyType":"","propMarkerLabel":"","propMarkerBedLabel":"","index":
""}" data-marsha="LAXGR" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince=
"California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name">...

```

(E.g., <https://www.marriott.com/search/findHotels.mi> (for a particular user)).

70. Plaintiff has been damaged as a result of Defendant's infringing conduct. Defendant is thus liable to Plaintiff for damages in an amount that adequately compensates Plaintiff for such Defendant's infringement of the '414 patent, *i.e.*, in an amount that by law cannot be less than would constitute a reasonable royalty for the use of the patented technology, together with interest and costs as fixed by this Court under 35 U.S.C. § 284.

71. On information and belief, Defendant has had at least constructive notice of the '414 patent by operation of law, and there are no marking requirements that have not been complied with.

**VI. COUNT IV**  
**(PATENT INFRINGEMENT OF UNITED STATES PATENT NO. 7,565,359)**

72. Plaintiff incorporates the above paragraphs herein by reference.

73. On July 21, 2009, United States Patent No. 7,565,359 ("the '359 Patent") was duly and legally issued by the United States Patent and Trademark Office. The '359 Patent is titled "Dynamic Page Generator." A true and correct copy of the '359 Patent is attached hereto as Exhibit K and incorporated herein by reference.

74. Digi Portal is the assignee of all right, title and interest in the '359 patent, including all rights to enforce and prosecute actions for infringement and to collect damages for all relevant times against infringers of the '359 Patent. Accordingly, Digi Portal possesses the exclusive right and standing to prosecute the present action for infringement of the '359 Patent by Defendant.

75. The application leading to the '359 patent was filed January 22, 2007, as a continuation of application no. 09/393,718, which issued as the '414 patent, which was a



continuation of application no. 08/873,975, which issued as the '227 patent. (Ex. K at cover). The '359 patent was first assigned to Yahoo! Inc. (*Id.*).

76. The invention in the '359 Patent relates to the field of customized information presentation on the web; more specifically, providing customized pages that are quickly served and scalable to handle many users simultaneously. (*Id.* at col. 1:22-27).

77. The '359 Patent shares the identical specification as the '854 patent and therefore Digi Portal incorporates the background and discussion of the invention in Paragraphs 13-25. Furthermore, the prosecution history of the '359 patent highlights advantages and the unconventional features of the claimed invention. When allowing the claims of the '359 patent, the examiner focused on the last two limitations of the claim stating that executing the template program specific to the user using the real-time information stored in the shared local storage device to generate a customized page; and receiving user preferences for the user, and combining the user preferences with a generic template to form the template specific to the user, wherein the user preferences indicate the items of interest to the user in conjunction with the other limitations was not found in the prior art. (Ex. L at 8).

78. **Direct Infringement.** Upon information and belief, Defendant has been directly infringing at least claim 10 of the '359 patent in Delaware, and elsewhere in the United States, by performing actions comprising making and/or using the claimed computer-readable medium comprising instructions for generating customized pages that are customized according to user preferences that performs the method steps required by the claim, including without limitation through the method implemented of providing a user's Marriott.com page ("Accused Instrumentality"). The Accused Instrumentality utilizes a computer-readable medium comprising instructions (*e.g.*, code that is executed to create webpages) for generating

customized pages (*e.g.*, user-specific web pages), wherein the customized pages are customized according to user preferences (*e.g.*, web pages will be customized to show hotels meeting a user's parameters).

The screenshot displays the Marriott Bonvoy website interface. At the top, the Marriott Bonvoy logo is on the left, and navigation links for 'Find & Reserve', 'Deals & Packages', 'Dine', 'Meetings & Events', 'Our Brands', 'Our Credit Cards', and 'About Marriott Bonvoy' are on the right. The main banner features a beach scene with a hammock and the text 'SAVE ON WEEKEND STAYS' and 'GET THE BEST RATES GUARANTEED ACROSS 30 BRANDS'. A 'BOOK NOW' button is visible. Below the banner is a search form with the following fields:

- Destination:** A text input field with the placeholder 'City, airport, attraction or address'.
- Dates:** A date selector showing 'Tue, Feb 25' and 'Wed, Feb 26' for a '1 NIGHT' stay.
- Rooms & Guests:** A dropdown menu currently showing '1 Room: 1 Adult/Room'.
- Special Rates:** A dropdown menu currently showing 'None'.
- Use Points / Certificates:** An unchecked checkbox.
- FIND HOTELS:** A dark button to submit the search.

(<https://www.marriott.com/default.mi> (for a particular user)).

79. On information and belief, the Accused Instrumentality performs the step of storing the real-time information in a shared local storage device (*e.g.*, hotels information will be pulled from a storage server/database and sent to a Marriott.com local web/API server for processing and display). On information and belief, the Accused Instrumentality also performs the step of storing a user-specific template program (*e.g.*, instructions and data used to generate a custom user webpage are stored at least temporarily) for a plurality of users, wherein each template program indicates items of interest to a user (*e.g.*, each user's template program will include instructions, code, etc. that dictates the information that should be displayed for a user based on their search query), and is associated with a user identifier (*e.g.*, in order for a user to see information specific to them and their search, Marriott.com assigns each user search an

identifying number), wherein the user identifier is associated with a user request (e.g., a user search will be linked to an identifying number) for a customized page.

Destination  
Los Angeles, CA, USA

Stay Dates (2 NIGHTS)  
Sat, Mar 21, 2020 - Mon, Mar 23, 2020

Rooms & Guests  
1 Room: 1 Adult /Room

EDIT

Map View Currency: Default Sort by: Distance

30 UNIQUE BRANDS

Filter by: Brand Price All Filters

Try these filters:

Fitness center (162)


Free breakfast (64)

Kitchen (46)

Pool (159)

Restaurant on-site (112)

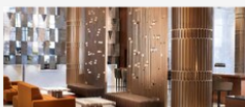
Showing 1 - 40 of 167 hotels ☐ Show available hotels only




**The Westin Bonaventure Hotel & Suites, Los Angeles**  
404 South Figueroa Street Los Angeles, California 90071  
0.7 miles from destination | Category 6  
Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.

From **215** USD Avg./night

VIEW RATES



**Sheraton Grand Los Angeles**  
711 South Hope Street Los Angeles, California 90017  
0.9 miles from destination | 4.2 525 Reviews | Category 5



(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

Currently available  
hotels information  
retrieved from  
information source

```

<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LGBFP" data-brand="SI" data-map="true" data-pnum="14" data-property="{"lat": 34.080365,"longitude":
-118.097331,"brand": "SI","marshaCode": "LGBFP","hwsInLanguageMissing": ">false","price": 142,"symbol": "USD","type":
"","hotelName": "Sheraton Los Angeles San Gabriel","propertyType": "","propMarkerLabel": "","propMarkerBedLabel":
"","index": ""}" data-marsha="LGBFP" data-close-text="Close" data-city="San Gabriel" data-statecode="CA" data-
stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-
space-name">...</div>
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRO" data-brand="RI" data-map="true" data-pnum="15" data-property="{"lat": 34.150267,"longitude":
-118.150847,"brand": "RI","marshaCode": "LAXRO","hwsInLanguageMissing": ">false","price": 160,"symbol": "USD","type":
"","hotelName": "Residence Inn Los Angeles Pasadena/Old Town","propertyType": "","propMarkerLabel": "","propMarkerBedLabel":
"","index": ""}" data-marsha="LAXRO" data-close-text="Close" data-city="Pasadena" data-statecode="
CA" data-stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space
data-function-space-name">...</div>
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXBV" data-brand="MC" data-map="true" data-pnum="16" data-property="{"lat": 34.056333,"longitude":
-118.395933,"brand": "MC","marshaCode": "LAXBV","hwsInLanguageMissing": ">false","price": 260,"symbol": "USD","type":
"","hotelName": "Beverly Hills Marriott","propertyType": "","propMarkerLabel": "","propMarkerBedLabel": "","index": ""}"
data-marsha="LAXBV" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince=
"California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name">...
</div>
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRB" data-brand="RI" data-map="true" data-pnum="17" data-property="{"lat": 34.05572,"longitude":
-118.395933,"brand": "RI","marshaCode": "LAXRB","hwsInLanguageMissing": ">false","price": 190,"symbol": "USD","type":
"","hotelName": "Residence Inn Beverly Hills","propertyType": "","propMarkerLabel": "","propMarkerBedLabel": "","index":
""}" data-marsha="LAXRB" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince=
"California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name">...
</div>
<div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXEB" data-brand="EB" data-map="true" data-pnum="18" data-property="{"lat": 34.0904,"longitude":
-118.389156,"brand": "EB","marshaCode": "LAXEB","hwsInLanguageMissing": ">false","price": 454,"symbol": "USD","type":
"","hotelName": "The West Hollywood EDITION","propertyType": "NEW","propMarkerLabel": "","propMarkerBedLabel":
"","index": ""}" data-marsha="LAXEB" data-close-text="Close" data-city="West Hollywood" data-statecode="CA" data-

```

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

MARRIOTT BONVOY

Find & Reserve Deals & Packages Dine Meetings & Events Our Brands Our Credit Cards About Marriott Bonvoy

James Favorites

0 SAVED HOTELS

Overview Activity My Trips Favorites Promotions Profile

**Boost Your Points Balance**

0 Your Balance + 100,000 Bonus Offer = 100,000 Your New Total  
With the Marriott Bonvoy Boundless™ Card

LEARN MORE

You have not saved any favorite hotels.

BROWSE DESTINATIONS

(E.g., <https://www.marriott.com/loyalty/myAccount/savedHotels.mi> (for a particular user)).

James Favorites

4 SAVED HOTELS

Overview Activity My Trips Favorites Promotions Profile

**Boost Your Points Balance**

0 Your Balance + 100,000 Bonus Offer = 100,000 Your New Total  
With the Marriott Bonvoy Boundless™ Card

LEARN MORE

The Westin Bonaventure Hotel & Suites, Los Angeles

BOOK NOW

WESTIN

(E.g., <https://www.marriott.com/loyalty/myAccount/savedHotels.mi> (for a particular user)).

80. On information and belief, the Accused Instrumentality performs the step of receiving a template program (e.g., code, instructions, etc. that are executed to create a user page) specific to the user using the user identifier (e.g., as explained above, in order to display pages customized for a user subsequent to their login, the template program used to create the customized page must be tied to the user's account credentials), wherein the template program is

received from one of at least two locations (*e.g.*, main storage at a Marriott.com server or local device storage), the location based upon a frequency of user requests for the customized page. In at least testing and usage, the accused instrumentality practices receiving a template program (*e.g.*, software instructions and data used for rendering a particular user's search results page such as a JavaScript page) that is unique to the user (*e.g.*, JavaScript pages will be specific to a user because the content can be modified by and/or customized for a user) and based on user configuration information (*e.g.*, a user can customize the content of their templates and what will be rendered and displayed using said templates by entering information such as their preferred location) the user configuration information being supplied by the user (*e.g.*, a user defines the information their template will display by inputting information such as their preferred location) and used to build the template program that is unique to the user (*e.g.*, user configuration information is used to modify templates, create instructions, and designate appropriate data retrieval for rendering the user's specific page) and wherein the template program is received from one of at least two locations (*e.g.*, the data and templates comprising a user's page may be retrieved from a main server/disk storage), the location determined from the frequency of the user request for the customized page (*e.g.*, based on the frequency at which a user logs in or accesses the Marriott.com page, the data comprising the users page may be stored at a main server). The accused instrumentality uses the template program that is unique to the user which is generated using customization information unique to the user. Template information that is part of the template program is stored for less frequently accessed files in the main storage and for more frequently accessed files in storage on the user's computer. Running the template program (page generation code, tiles, containers, and user data) creates the customized webpage. Webpage information can be stored in a JavaScript object that is used in logic to display various

available hotels and other site logic-based conditions. The template information is stored in multiple locations: (1) At runtime, in a JavaScript object with the data structure called Context Data; (2) Within browser local storage; and (3) browser cookies.

```

<html>
<script>
    <script>
        v=3.exp&client=gme-marriottinternational&libraries=places,geometry&signed_in=false&region="", "language": "en"})">
    </script>
    <div class="m-field-control l-margin-bottom-three-quarters l-datepicker-open l-xl-col-4 l-pos-relative js-clearinput
l-h-search-loc l-clear clearfix js-location js-auto-complete " data-options="{"autoCompleteURL":"/aries-search/v1/
autoComplete.comp", "permittedLocales": "en-GB,en-AU,en-US", "suggestionSortOrder":
"city,property,airport,poi,state,country", "placesUrl": "/aries-search/v2/autoComplete.comp"}">
      <label for="3F5MIUHW" class="field-title "> Destination </label>
      <div class="l-display-flex">
        <span class="animate-placeholder-text" style="display: flex; opacity: 1;">Try "Times Square"</span>
        <input id="3F5MIUHW search-location" autocomplete="off" type="text" name="destinationAddress.destination" value
placeholder aria-label="City, airport, attraction or address" maxlength="100" class="js-geoloc-target single-
search single-search-destination js-recent-search js-search-location js-moreoptions-expander js-clear-input l-no-
ie-clear l-h-field js-hform-fields js-auto-complete-input-v2" data-target="destination" aria-autocomplete="list"
tabindex="2" data-count="3"> == $0
        <span class="l-icon-inline t-icon t-icon-navigation-close js-clear-trigger" title="Clear"></span>
      </div>
      <div class="autocomplete-scroller-wrapper custom-wrapper" style="display: none;">...</div>
      <div aria-live="assertive" class="is-hidden-label"></div>
      :after
    </div>
    <div class="l-find-container js-find-container l-xl-col-4 l-pos-rel ">...</div>
    <input type="hidden" class="autosuggest-cat-headers" data-category-params="{"recent":"Recent", "clear":"Clear
AIRPORTS", "poi":"POINTS OF INTEREST", "label":"Continue typing to narrow your results", "searchResults":"Search
Results", "currentLocation":"Current Location", "recentlyViewedLabel":"Recently Viewed", "recentSearchesLabel":
"Recent Searches", "clearRecentLabel":"CLEAR RECENT", "showMoreLabel":"SHOW MORE", "showLessLabel":"SHOW LESS",
"showRecentlyViewedProperties": true, "minRecentlyViewedPropertiesLimit": 2, "maxRecentlyViewedPropertiesLimit": 5,
"expandedLabel":"expanded", "collapsedLabel":"collapsed" }">
    <div class="date-picker-overlay"></div>
    <div class="m-field-control m-date-picker l-date-picker l-margin-bottom-three-quarters l-pos-relative l-xs-col-4 l-
xl-col-4 " data-trigger="false" data-is-non-dated-search="false" data-associate-flow">...</div>

```

(E.g., <https://www.marriott.com/default.mi> (for a particular user)).

```
ule:m,logger:n,propertySettings:u,replaceTokens:o};Object.keys(r.modules).forEach(function(t){var e=r.modules[t],n=j(function(e){var n=oe(t,e);return s.getModuleExports(n)});s.registerModule(t,e,a,n,i)})),s.hydrateCache()}return s},xe=function(e,n,t,a,r){var i=j.createPrefixedLogger("Custom Script");e.track=function(e){j.log('"' + e + '"' does not match any direct call identifiers.)},e.getVisitorId=function(){return null},e.property={name:n.property.name},e.company=n.company,e.buildInfo=n.buildInfo,e.logger=i,e.notify=function(e,n){switch(j.warn("_satellite.notify is deprecated. Please use the `_satellite.logger` API."),n){case 3:i.info(e);break;case 4:i.warn(e);break;case 5:i.error(e);break;default:i.log(e)}}},e.getVar=a,e.setVar=r,e.setCookie=function(e,n,t){var
```

(E.g., <https://assets.adobedtm.com/launch-EN1ce795381cea451fa40478e502ecce2f.min.js> (for a particular user)).



```
[],actions:[{modulePath:"core/src/lib/actions/customCode.js",settings:
{global:!0,source:'/*STORE PAGENAME IN LOCAL STORAGE FOR MDL*/\nif (typeof dataLayer !==
"undefined") {dataLayer.previous_page =
localStorage.getItem(\'previous_page\')}\nlocalStorage.setItem(\'previous_page\',
location.hostname + location.pathname);\n\n/*check for Bonvoy JOIN, set for once per
session*/\nif (window.dataLayer.mr_enrolled == "true" &&
sessionStorage.getItem("mr_enrolled_num") !== "1" &&
document.location.href.indexOf("signIn") == -1) {\n  sessionStorage.setItem("mr enrolled",
"true");\n  sessionStorage.setItem("mr enrolled num", 1);\n}\n\nelse if
(window.dataLayer.mr_enrolled == "true" && sessionStorage.getItem("mr_enrolled_num", 1) ==
"1"){
  sessionStorage.setItem("mr_enrolled", "false")\n}\n\n/*LOAD A SCRIPT WITH A
CALLBACK FUNCTION*/\nfunction launchLoadScriptCallback(a, c, b) {\n  var d =
document.getElementsByTagName("script"),\n      e;\n  b = d[0];\n  for (e = 0; e <
```

(E.g., <https://assets.adobedtm.com/launch-EN1ce795381cea451fa40478e502ecce2f.min.js> (for a particular user)).

81. On information and belief, the Accused Instrumentality performs that step of executing the template program (e.g., code, objects, APIs, scripts, etc.) specific to the user (e.g., the code and other elements composing the webpage are created for a particular user's search query) using the real-time information stored in the shared local storage device (e.g., hotels information pulled from information source and stored at least temporarily on an Marriott.com server) to generate the customized page (e.g., hotels search results).

Destination  
Los Angeles, CA, USA

Stay Dates (2 NIGHTS)  
Sat, Mar 21, 2020 - Mon, Mar 23, 2020


Rooms & Guests  
1 Room: 1 Adult /Room

EDIT

Map View
Currency: Default
Sort by: Distance
30 UNIQUE BRANDS
Filter by: Brand Price All Filters

Try these filters:
Fitness center (162)
Free breakfast (64)
Kitchen (46)
Pool (159)
Restaurant on-site (112)

Showing 1 - 40 of 167 hotels
☐ Show available hotels only




**The Westin Bonaventure Hotel & Suites, Los Angeles**

404 South Figueroa Street Los Angeles, California 90071


0.7 miles from destination | Category 6

Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.



From **215** USD Avg./night


VIEW RATES



**Sheraton Grand Los Angeles**

711 South Hope Street Los Angeles, California 90017

0.9 miles from destination | 4.2 525 Reviews | Category 5





(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

Currently available  
hotels information  
retrieved from  
information source

```
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LGBFP" data-brand="SI" data-map="true" data-pnum="14" data-property="{\"lat\": \"34.080365\", \"longitude\":
\"-118.097331\", \"brand\": \"SI\", \"marshaCode\": \"LGBFP\", \"hwsInLanguageMissing\": \"false\", \"price\": \"142\", \"symbol\": \"USD\", \"type\":
\", \"hotelName\": \"Sheraton Los Angeles San Gabriel\", \"propertyType\": \"\", \"propMarkerLabel\": \"\", \"propMarkerBedLabel\":
\", \"index\": \"\"}\" data-marsha="LGBFP" data-close-text="Close" data-city="San Gabriel" data-statecode="CA" data-
stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-
space-name"></div>
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRO" data-brand="RI" data-map="true" data-pnum="15" data-property="{\"lat\": \"34.150267\", \"longitude\":
\"-118.150847\", \"brand\": \"RI\", \"marshaCode\": \"LAXRO\", \"hwsInLanguageMissing\": \"false\", \"price\": \"160\", \"symbol\": \"USD\", \"type\":
\", \"hotelName\": \"Residence Inn Los Angeles Pasadena/Old Town\", \"propertyType\": \"\", \"propMarkerLabel\": \"\",
\"propMarkerBedLabel\": \"\", \"index\": \"\"}\" data-marsha="LAXRO" data-close-text="Close" data-city="Pasadena" data-statecode="
CA" data-stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space
data-function-space-name"></div>
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXBV" data-brand="MC" data-map="true" data-pnum="16" data-property="{\"lat\": \"34.056333\", \"longitude\":
\"-118.395855\", \"brand\": \"MC\", \"marshaCode\": \"LAXBV\", \"hwsInLanguageMissing\": \"false\", \"price\": \"260\", \"symbol\": \"USD\", \"type\":
\", \"hotelName\": \"Beverly Hills Marriott\", \"propertyType\": \"\", \"propMarkerLabel\": \"\", \"propMarkerBedLabel\": \"\", \"index\": \"\"}\"
data-marsha="LAXBV" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince="
California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name">
</div>
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRB" data-brand="RI" data-map="true" data-pnum="17" data-property="{\"lat\": \"34.05572\", \"longitude\":
\"-118.395933\", \"brand\": \"RI\", \"marshaCode\": \"LAXRB\", \"hwsInLanguageMissing\": \"false\", \"price\": \"190\", \"symbol\": \"USD\", \"type\":
\", \"hotelName\": \"Residence Inn Beverly Hills\", \"propertyType\": \"\", \"propMarkerLabel\": \"\", \"propMarkerBedLabel\": \"\", \"index\":
\", \"index\": \"\"}\" data-marsha="LAXRB" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince="
California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name">
</div>
><div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXEB" data-brand="EB" data-map="true" data-pnum="18" data-property="{\"lat\": \"34.0904\", \"longitude\":
\"-118.389156\", \"brand\": \"EB\", \"marshaCode\": \"LAXEB\", \"hwsInLanguageMissing\": \"false\", \"price\": \"454\", \"symbol\": \"USD\", \"type\":
\", \"hotelName\": \"The West Hollywood EDITION\", \"propertyType\": \"NEW\", \"propMarkerLabel\": \"\", \"propMarkerBedLabel\":
\", \"index\": \"\"}\" data-marsha="LAXEB" data-close-text="Close" data-city="West Hollywood" data-statecode="CA" data-
```

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

(for a particular user)).

82. On information and belief, the Accused Instrumentality performs the step of receiving user preferences for the user (*e.g.*, the search terms inputted by a user such as preferences set by user for hotels search), and for combining the user preferences with a generic template to form the template program specific to the user (*e.g.*, the code for the entire webpage that utilizes a generic template and user's inputted search terms to create a webpage that is customized to display a user's search results), wherein the user preferences indicate the items of interest to the user.

Destination  
Los Angeles, CA, USA

Stay Dates (2 NIGHTS)  
Sat, Mar 21, 2020 - Mon, Mar 23, 2020


Rooms & Guests  
1 Room: 1 Adult /Room

EDIT

Map View
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Filter by: Brand Price All Filters

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From **215** USD Avg./night

VIEW RATES



### Sheraton Grand Los Angeles

711 South Hope Street Los Angeles, California 90017

0.9 miles from destination | 4.2 525 Reviews | Category 5

SHERATON

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)). As shown below, marriott.com uses a generic template to define how the webpage should generally be laid out and displayed.

```

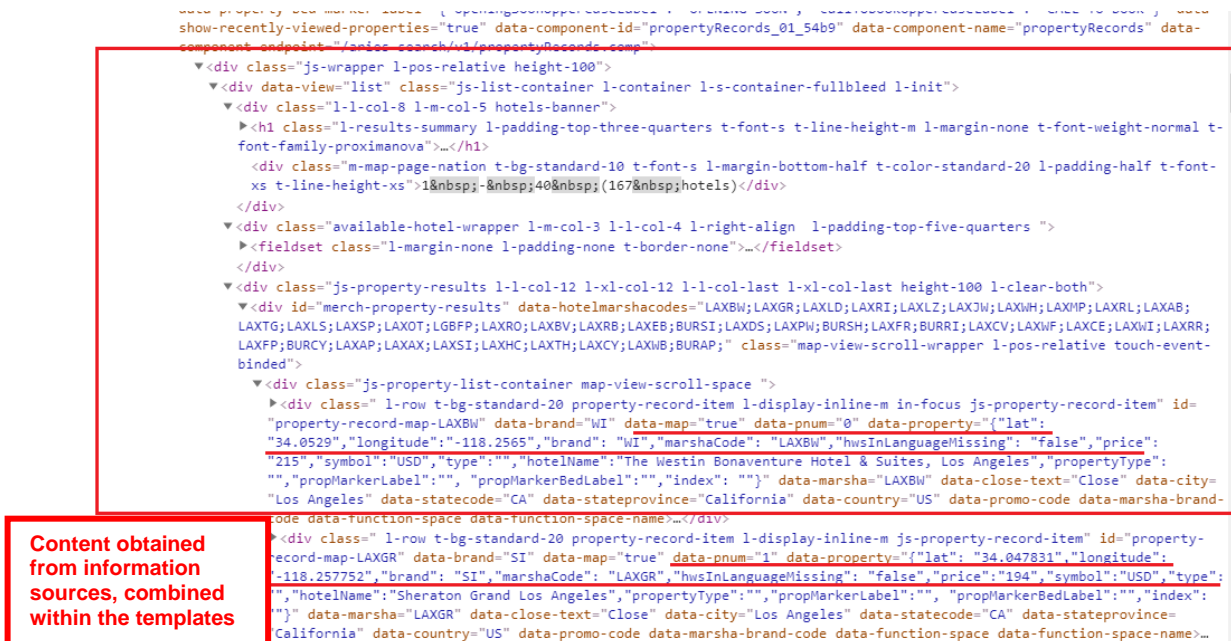
<!doctype html>
<html xmlns="http://www.w3.org/1999/xhtml" lang="en_US" xml:lang="en_US" class="webkit chrome chrome79 win js non-retina
orientation_landscape maxw_1280" style="overflow: visible; position: static;">
<head class="at-element-marker">...</head>
<body class="t-bg-white is-form-takeover" data-hide-print style="overflow: visible; position: static;">
  <a name="topOfPage"></a>
  <div id="page-container" class="page-container">
    <header class="m-header">...</header>
    <div id="salesforce_code_insert">...</div>
    <div class="id-content-wrapper" id="main-body-wrapper">
      <div class="l-row">...</div>
      <div class="l-row">
        <div class="mi-sub-section bleed-sub-section l-margin-subsection-bottom-small l-margin-tile-vertical-default l-padding-tile-
vertical-default l-padding-subsection-vertical-none">...</div>
        <section class="mi-sub-section sub-section l-print-fullbleed l-container l-margin-subsection-bottom-small l-margin-tile-vertical-
default l-padding-tile-vertical-default l-padding-subsection-vertical-none mi-sub-section-blank">...</section>
        <section class="mi-sub-section two-col-sub-section l-print-fullbleed l-container l-margin-subsection-bottom-none l-margin-tile-
vertical-default l-padding-tile-vertical-default l-padding-subsection-vertical-none" style="position: relative;">...</section>
        <div class="mi-sub-section bleed-sub-section t-bg-standard-30 l-margin-subsection-bottom-none l-margin-tile-vertical-default l-
padding-tile-vertical-default l-padding-subsection-vertical-none">
          <div id="SuggestedFilters338f">...</div>
          <div id="propertyRecords54b9">
            <script type="text/mi-context" name="tileMessageErrorActions_propertyRecords54b9" defer="defer">{"DEFAULT":{"type":"component-
level-message","action":"error"}}</script>
            <script type="text/mi-context" name="tileErrorMessageContext_propertyRecords54b9" defer="defer">...</script>
            <script type="text/mi-context" name="propertyRecords54b9" defer="defer">...</script>
            <script type="text/mi-context" name="propertyRecords54b9" defer="defer">...</script>
          <div class="tile-property-records l-row property-records" data-spinner-label="FETCHING HOTEL INFORMATION..." data-back-results-
label="Back to Search Results" data-marrofferid data-enable-map-based-search="true" data-language-code="en" data-img="{pinImg":
"/Images/Icons/Search/pin-gmap.png","pinBlue":"/Images/Icons/Search/pin-gmap-blue.png","clustImg":"https://cache.marriott.com/
marriottassets/icons/pin-cluster-sm.png","clustBlue":"/Images/Icons/Search/pin-cluster-sm-hover.png","pinAdd":"/Images/Icons/
Search/pinloc.png"}" data-china="false" data-isaddress="false" data-searchlocation data-searchlat data-searchlong data-refine

```

General template used  
to generate web page

(E.g., <https://www.marriott.com/search/findHotels.mi>). As shown below, Marriott.com will then combine the template with customized data pulled based upon a user's search inputs in order to

create a template program executable by a user's browser, so that the customized webpage can be displayed to the user.



(E.g., <https://www.marriott.com/search/findHotels.mi> (for a particular user)).

83. Plaintiff has been damaged as a result of Defendant's infringing conduct. Defendant is thus liable to Plaintiff for damages in an amount that adequately compensates Plaintiff for such Defendant's infringement of the '359 patent, *i.e.*, in an amount that by law cannot be less than would constitute a reasonable royalty for the use of the patented technology, together with interest and costs as fixed by this Court under 35 U.S.C. § 284.

84. On information and belief, Defendant has had at least constructive notice of the '359 patent by operation of law, and there are no marking requirements that have not been complied with.

## **VII. COUNT V** **(PATENT INFRINGEMENT OF UNITED STATES PATENT NO. 9,626,342)**

85. Plaintiff incorporates the above paragraphs herein by reference.

86. On April 18, 2017, United States Patent No. 9,626,342 (“the ‘342 Patent”) was duly and legally issued by the United States Patent and Trademark Office. The ‘342 Patent is titled “Dynamic Page Generator.” The ‘342 patent is not subject to a terminal disclaimer and its term is extended under 35 U.S.C. 154(b) by 891 days. (Ex. M). A true and correct copy of the ‘342 Patent is attached hereto as Exhibit M and incorporated herein by reference.

87. Digi Portal is the assignee of all right, title and interest in the ‘342 patent, including all rights to enforce and prosecute actions for infringement and to collect damages for all relevant times against infringers of the ‘342 patent. Accordingly, Digi Portal possesses the exclusive right and standing to prosecute the present action for infringement of the ‘342 patent by Defendant.

88. The application leading to the ‘342 patent was filed December 21, 2012, as a continuation of application no. 11/842,095, which was a continuation of application no. 11/656,636, which is a continuation of 09/393,718, which was a continuation of application no. 08/873,975, which issued as the ’227 patent. (Ex. M at cover).

89. The invention in the ‘342 patent relates to the field of customized information presentation on the web; more specifically, providing customized pages that are quickly served and scalable to handle many users simultaneously. (*Id.* at col. 1:33-37).

90. The ‘342 patent shares the identical specification as the ‘854 patent and therefore Digi Portal incorporates the background and discussion of the invention in Paragraphs 13-25.

91. **Direct Infringement.** Upon information and belief, Defendant has been directly infringing at least claim 1 of the ‘342 patent in Delaware, and elsewhere in the United States, by performing actions comprising performing the claimed method steps, including without limitation through the method implemented of providing a user’s Marriott.com page (“Accused

Instrumentality”). The Accused Instrumentality practices the method of responding to a user request (*e.g.*, a user login request, search initiation, etc.) for a customized page (*e.g.*, a user’s customized home and search pages on the Marriott.com website). (*E.g.*, <https://www.marriott.com/default.mi>).

92. On information and belief, the Accused Instrumentality performs the step of generating, via at least one server computer (*e.g.*, Marriott.com server), a template program unique to the user (*e.g.*, instruction, code, and data that is processed/executed to create a webpage customized to a user), wherein the template program is generated using customization information unique to the user (*e.g.*, user search parameters and preferences) and a global template that is generic to a plurality of users (*e.g.*, a generic template that of web page layout). The accused instrumentality combines the user customization information (*e.g.*, the search terms inputted by a user such as preferences set by user for hotels search) for the user and a generic template (*e.g.*, a generic webpage template) to form a template program specific to a user (*e.g.*, the code for the entire webpage that utilizes a generic template and user’s inputted search terms to create a webpage that is customized to display a user’s search results).

Destination  
Los Angeles, CA, USA

Stay Dates (2 NIGHTS)  
Sat, Mar 21, 2020 - Mon, Mar 23, 2020


Rooms & Guests  
1 Room: 1 Adult /Room

EDIT

Map View
Currency: Default
Sort by: Distance
30 UNIQUE BRANDS
Filter by: Brand Price All Filters

Try these filters:
Fitness center (162)
Free breakfast (64)
Kitchen (46)
Pool (159)
Restaurant on-site (112)

Showing 1 - 40 of 167 hotels
☐ Show available hotels only




**The Westin Bonaventure Hotel & Suites, Los Angeles**  
404 South Figueroa Street Los Angeles, California 90071  
0.7 miles from destination | Category 6  
Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.

WESTIN

From **215** USD Avg./night

VIEW RATES



**Sheraton Grand Los Angeles**  
711 South Hope Street Los Angeles, California 90017  
0.9 miles from destination | 4.2 525 Reviews | Category 5

SHERATON



(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

Currently available  
hotels information  
retrieved from  
information source

```
><div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LGBFP" data-brand="SI" data-map="true" data-pnum="14" data-property="{"lat": 34.080365,"longitude":
-118.097331,"brand": "SI","marshaCode": "LGBFP","hwsInLanguageMissing": ">false","price": 142,"symbol": "USD","type":
"","hotelName": "Sheraton Los Angeles San Gabriel","propertyType": "","propMarkerLabel": "","propMarkerBedLabel":
"","index": ""}" data-marsha="LGBFP" data-close-text="Close" data-city="San Gabriel" data-statecode="CA" data-
stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-
space-name"></div>
><div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRO" data-brand="RI" data-map="true" data-pnum="15" data-property="{"lat": 34.150267,"longitude":
-118.150847,"brand": "RI","marshaCode": "LAXRO","hwsInLanguageMissing": ">false","price": 160,"symbol": "USD","type":
"","hotelName": "Residence Inn Los Angeles Pasadena/Old Town","propertyType": "","propMarkerLabel": "","propMarkerBedLabel": "","index": ""}" data-marsha="LAXRO" data-close-text="Close" data-city="Pasadena" data-statecode="
CA" data-stateprovince="California" data-country="US" data-promo-code data-marsha-brand-code data-function-space
data-function-space-name"></div>
><div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXBV" data-brand="MC" data-map="true" data-pnum="16" data-property="{"lat": 34.056333,"longitude":
-118.395855,"brand": "MC","marshaCode": "LAXBV","hwsInLanguageMissing": ">false","price": 260,"symbol": "USD","type":
"","hotelName": "Beverly Hills Marriott","propertyType": "","propMarkerLabel": "","propMarkerBedLabel": "","index": ""}" data-marsha="LAXBV" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince="
California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name">
</div>
><div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRB" data-brand="RI" data-map="true" data-pnum="17" data-property="{"lat": 34.05572,"longitude":
-118.395933,"brand": "RI","marshaCode": "LAXRB","hwsInLanguageMissing": ">false","price": 190,"symbol": "USD","type":
"","hotelName": "Residence Inn Beverly Hills","propertyType": "","propMarkerLabel": "","propMarkerBedLabel": "","index": ""}" data-marsha="LAXRB" data-close-text="Close" data-city="Los Angeles" data-statecode="CA" data-stateprovince="
California" data-country="US" data-promo-code data-marsha-brand-code data-function-space data-function-space-name">
</div>
><div class="1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXEB" data-brand="EB" data-map="true" data-pnum="18" data-property="{"lat": 34.0904,"longitude":
-118.389156,"brand": "EB","marshaCode": "LAXEB","hwsInLanguageMissing": ">false","price": 454,"symbol": "USD","type":
"","hotelName": "The West Hollywood EDITION","propertyType": "NEW","propMarkerLabel": "","propMarkerBedLabel":
"","index": ""}" data-marsha="LAXEB" data-close-text="Close" data-city="West Hollywood" data-statecode="CA" data-
```

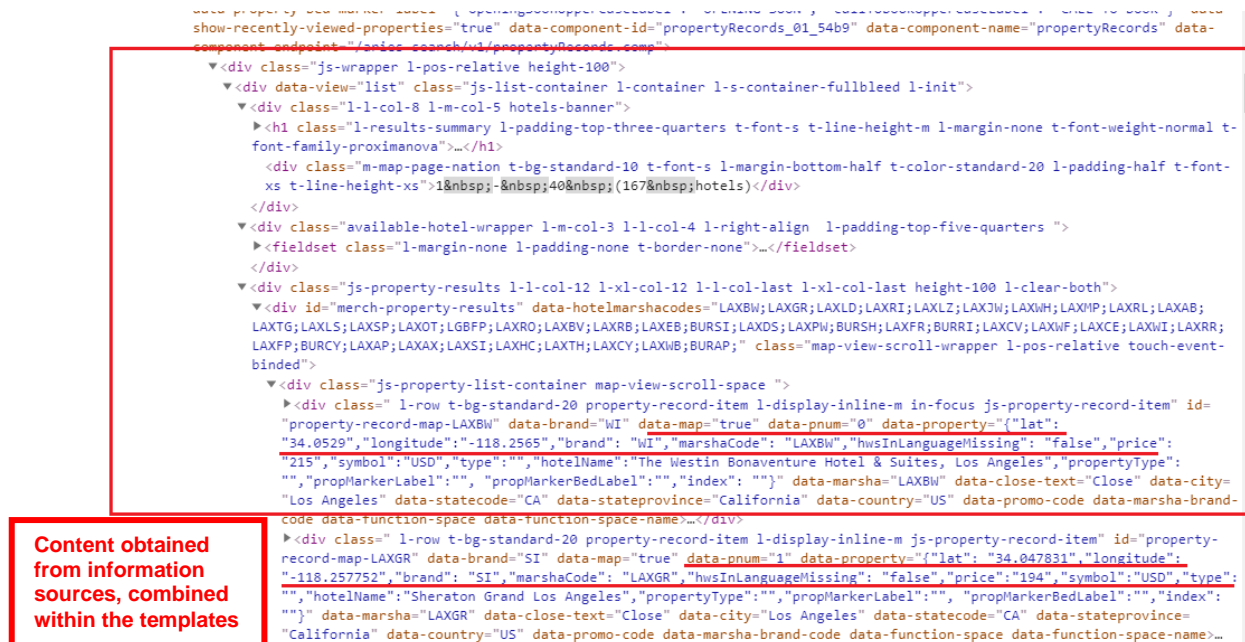
(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

```
<doctype html>
<html xmlns="http://www.w3.org/1999/xhtml" lang="en_US" xml:lang="en_US" class="webkit chrome chrome79 win js non-retina
orientation_landscape max_1280" style="overflow: visible; position: static;">
  <head class="at-element-marker"></head>
  <body class="t-bg-white is-form-takeover" data-hide-print style="overflow: visible; position: static;">
    <a name="topOfPage"></a>
    <div id="page-container" class="page-container">
      <header class="m-header"></header>
      <div id="salesforce_code_insert"></div>
      <div class="id-content-wrapper" id="main-body-wrapper">
        <div class="1-row"></div>
        <div class="1-row">
          <div class="mi-sub-section bleed-sub-section 1-margin-subsection-bottom-small 1-margin-tile-vertical-default 1-padding-tile-
vertical-default 1-padding-subsection-vertical-none"></div>
          <section class="mi-sub-section sub-section 1-print-fullbleed 1-container 1-margin-subsection-bottom-small 1-margin-tile-vertical-
default 1-padding-tile-vertical-default 1-padding-subsection-vertical-none mi-sub-section-blank"></section>
          <section class="mi-sub-section two-col-sub-section 1-print-fullbleed 1-container 1-margin-subsection-bottom-small 1-margin-tile-
vertical-default 1-padding-tile-vertical-default 1-padding-subsection-vertical-none" style="position: relative;"></section>
          <div class="mi-sub-section bleed-sub-section t-bg-standard-30 1-margin-subsection-bottom-small 1-margin-tile-vertical-default 1-
padding-tile-vertical-default 1-padding-subsection-vertical-none">
            <div id="SuggestedFilters338f"></div>
            <div id="propertyRecords54b9">
              <script type="text/mi-context" name="tileMessageErrorActions_propertyRecords54b9" defer="defer">{"DEFAULT":{"type":"component-
level-message","action":"error"}}</script>
              <script type="text/mi-context" name="tileErrorMessageContext_propertyRecords54b9" defer="defer"></script>
              <script type="text/mi-context" name="propertyRecords54b9" defer="defer"></script>
              <script type="text/mi-context" name="propertyRecords54b9" defer="defer"></script>
              <div class="tile-property-records 1-row property-records" data-spinner-label="FETCHING HOTEL INFORMATION..." data-back-results-
label="Back to Search Results" data-marrofferid data-enable-map-based-search="true" data-language-code="en" data-img="{"pinImg":
"/Images/Icons/Search/pin-gmap.png","pinBlue": "/Images/Icons/Search/pin-gmap-blue.png","clustImg": "https://cache.marriott.com/
marriottassets/icons/pin-cluster-sm.png","clustBlue": "/Images/Icons/Search/pin-cluster-sm-hover.png","pinAdd": "/Images/Icons/
Search/pinloc.png"}" data-china="false" data-isaddress="false" data-searchlocation data-searchlat data-searchlong data-refine
```

General template used  
to generate web page

(E.g., <https://www.marriott.com/search/findHotels.mi> (for a particular user)). As shown below,

Marriott.com will then combine the template with customized data pulled based upon a user's search inputs in order to create a template program executable by a user's browser, so that the customized webpage can be displayed to the user.



(E.g., <https://www.marriott.com/search/findHotels.mi> (for a particular user)).

93. On information and belief, the Accused Instrumentality performs the step of executing, via the at least one server computer (e.g., Marriott.com server), the user's template program (e.g., instructions, code and data used to create a user webpage) to generate the user's customized web page, the user's customized web page including real-time information (e.g., hotels search results) selected for the user's customized web page based on the customization information unique to the user (e.g., hotels information will be gathered based upon a user's search parameters). The accused instrumentality serves via the at least one server computer (e.g., the Marriott.com server), the user's customized web page (e.g., hotels results).



Destination  
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Stay Dates (2 NIGHTS)  
Sat, Mar 21, 2020 - Mon, Mar 23, 2020


Rooms & Guests  
1 Room: 1 Adult /Room

EDIT

Map View
Currency: Default
Sort by: Distance
30 UNIQUE BRANDS
Filter by: Brand Price All Filters

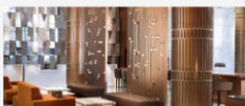
Try these filters:
Fitness center (162)
Free breakfast (64)
Kitchen (46)
Pool (159)
Restaurant on-site (112)

Showing 1 - 40 of 167 hotels
☐ Show available hotels only



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Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.

From **215** USD Avg./night
VIEW RATES



**Sheraton Grand Los Angeles**  
711 South Hope Street Los Angeles, California 90017  
0.9 miles from destination | 4.2 525 Reviews | Category 5

SHERATON

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

Currently available  
hotels information  
retrieved from  
information source

```

▶<div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LGBFP" data-brand="SI" data-map="true" data-pnum="14" data-property="{lat: 34.080365,longitude:
-118.097331,brand: SI,marshaCode: LGBFP,hwsInLanguageMissing: false,price:142,symbol:USD,type:
,hotelName:Sheraton Los Angeles San Gabriel,propertyType:,propMarkerLabel:,propMarkerBedLabel:
,index: }" data-marsha=LGBFP data-close-text=Close data-city=San Gabriel data-statecode=CA data-
stateprovince=California data-country=US data-promo-code data-marsha-brand-code data-function-space data-function-
space-name></div>
▶<div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRO" data-brand="RI" data-map="true" data-pnum="15" data-property="{lat: 34.150267,longitude:
-118.150847,brand: RI,marshaCode: LAXRO,hwsInLanguageMissing: false,price:160,symbol:USD,type:
,hotelName:Residence Inn Los Angeles Pasadena/Old Town,propertyType:,propMarkerLabel:,
propMarkerBedLabel:,index: }" data-marsha=LAXRO data-close-text=Close data-city=Pasadena data-statecode=
CA data-stateprovince=California data-country=US data-promo-code data-marsha-brand-code data-function-space
data-function-space-name></div>
▶<div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXBV" data-brand="MC" data-map="true" data-pnum="16" data-property="{lat: 34.056333,longitude:
-118.395855,brand: MC,marshaCode: LAXBV,hwsInLanguageMissing: false,price:260,symbol:USD,type:
,hotelName:Beverly Hills Marriott,propertyType:,propMarkerLabel:,propMarkerBedLabel:,index: }"
data-marsha=LAXBV data-close-text=Close data-city=Los Angeles data-statecode=CA data-stateprovince=
California data-country=US data-promo-code data-marsha-brand-code data-function-space data-function-space-name>
</div>
▶<div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXRB" data-brand="RI" data-map="true" data-pnum="17" data-property="{lat: 34.05572,longitude:
-118.395933,brand: RI,marshaCode: LAXRB,hwsInLanguageMissing: false,price:190,symbol:USD,type:
,hotelName:Residence Inn Beverly Hills,propertyType:,propMarkerLabel:,propMarkerBedLabel:,index:
} data-marsha=LAXRB data-close-text=Close data-city=Los Angeles data-statecode=CA data-stateprovince=
California data-country=US data-promo-code data-marsha-brand-code data-function-space data-function-space-name>
</div>
▶<div class=" 1-row t-bg-standard-20 property-record-item 1-display-inline-m js-property-record-item" id="property-
record-map-LAXEB" data-brand="EB" data-map="true" data-pnum="18" data-property="{lat: 34.0904,longitude:
-118.389156,brand: EB,marshaCode: LAXEB,hwsInLanguageMissing: false,price:454,symbol:USD,type:
,hotelName:The West Hollywood EDITION,propertyType:NEW,propMarkerLabel:,propMarkerBedLabel:
,index: }" data-marsha=LAXEB data-close-text=Close data-city=West Hollywood data-statecode=CA data-

```

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

94. On information and belief, the Accused Instrumentality performs the step of in response to receiving a subsequent request for the user's customized web page (*e.g.*, the receipt of a user's search initiation); receiving, via the at least one server computer (Marriott.com server), the template program (*e.g.*, code, instructions, etc. that are executed to create a user page) that is unique to the user from one of at least two locations (*e.g.*, main storage at a Marriott.com server or local storage on the user's device), the location determined from the frequency of the request for the user's customized web page. In at least testing and usage, the accused instrumentality practices receiving a template program (*e.g.*, software instructions and data used for rendering a particular user's search results page such as a JavaScript page) that is unique to the user (*e.g.*, JavaScript pages will be specific to a user because the content can be modified by and/or customized for a user) and based on user configuration information (*e.g.*, a user can customize the content of their templates and what will be rendered and displayed using said templates by entering information such as their preferred location) the user configuration information being supplied by the user (*e.g.*, a user defines the information their template will display by inputting information such as their preferred location) and used to build the template program that is unique to the user (*e.g.*, user configuration information is used to modify templates, create instructions, and designate appropriate data retrieval for rendering the user's specific page) and wherein the template program is received from one of at least two locations (*e.g.*, the data and templates comprising a user's page may be retrieved from a main server/disk storage), the location determined from the frequency of the user request for the customized page (*e.g.*, based on the frequency at which a user logs in or accesses the Marriott.com page, the data comprising the users page may be stored at a main server). The accused instrumentality uses the template program that is unique to the user which is generated using customization information

unique to the user. Template information that is part of the template program is stored for less frequently accessed files in the main storage and for more frequently accessed files in storage on the user's computer. Running the template program (page generation code, tiles, containers, and user data) creates the customized webpage. Webpage information can be stored in a Javascript object that is used in logic to display various available hotels and other site logic-based conditions. The template information is stored in multiple locations: (1) At runtime, in a Javascript object with the data structure called Context Data; (2) Within browser local storage; and (3) browser cookies.

```

    <div class="m-field-control l-margin-bottom-three-quarters l-datepicker-open l-1xl-col-4 l-pos-relative js-clearinput l-hsearch-loc l-clear clearfix js-location js-auto-complete" data-options="{"autoCompleteURL":"/aries-search/v1/autoComplete.comp","permittedLocales":"en-GB,en-AU,en-US","suggestionSortOrder":"city,property,airport,poi,state,country","placesUrl":"/aries-search/v2/autoComplete.comp"}">
      <label for="3F5MIUHW" class="field-title"> Destination </label>
      <div class="l-display-flex">
        <span class="animate-placeholder-text" style="display: flex; opacity: 1;">Try "Times Square"</span>
        <input id="3F5MIUHW_search-location" autocomplete="off" type="text" name="destinationAddress.destination" value="City, airport, attraction or address" maxlength="100" class="js-geoloc-target single-search single-search-destination js-recent-search js-search-location js-moreoptions-expander js-clear-input l-no-lie-clear l-h-field js-hform-fields js-auto-complete-input-v2" data-target="destination" aria-autocomplete="list" tabindex="2" data-count="3"> == $0
      </div>
      <span class="l-icon-inline t-icon t-icon-navigation-close js-clear-trigger" title="Clear"></span>
    </div>
    <div class="autocomplete-scroller-wrapper custom-wrapper" style="display: none;">...</div>
    <div aria-live="assertive" class="is-hidden-label"></div>
    </div>
    <div class="l-find-container js-find-container l-1xl-col-4 l-pos-rel">...</div>
    <input type="hidden" class="autosuggest-cat-headers" data-category-params="{"recent":"Recent","clear":"Clear Recent","city":"CITIES","property":"Hotel","state":"STATES","country":"COUNTRIES/REGIONS","airport":"AIRPORTS","poi":"POINTS OF INTEREST","label":"Continue typing to narrow your results","searchResults":"Search Results","currentLocation":"Current Location","recentlyViewedLabel":"Recently Viewed","recentSearchesLabel":"Recent Searches","clearRecentLabel":"CLEAR RECENT","showMoreLabel":"SHOW MORE","showLessLabel":"SHOW LESS","showRecentlyViewedProperties":true,"minRecentlyViewedPropertiesLimit":2,"maxRecentlyViewedPropertiesLimit":5,"expandedLabel":"expanded","collapsedLabel":"collapsed"}">
    <div class="date-picker-overlay"></div>
    <div class="m-field-control m-date-picker l-date-picker l-margin-bottom-three-quarters l-pos-relative l-xs-col-4 l-1xl-col-4" data-trigger="false" data-is-non-dated-search="false" data-associate-flow"></div>

```

(E.g., <https://www.marriott.com/default.mi> (for a particular user)).

```

ule:m,logger:n,propertySettings:u,replaceTokens:o});Object.keys(r.modules).forEach(function(t)
){var e=r.modules[t],n=j(function(e){var n=oe(t,e);return
s.getModuleExports(n)});s.registerModule(t,e,a,n,i)})),s.hydrateCache())return
s},xe=function(e,n,t,a,r){var i=j.createPrefixedLogger("Custom Script");e.track=function(e)
{j.log("'" + e + "'" does not match any direct call identifiers.)},e.getVisitorId=function()
{return null},e.property=
{name:n.property.name},e.company=n.company,e.buildInfo=n.buildInfo,e.logger=i,e.notify=funct
ion(e,n){switch(j.warn("_satellite.notify is deprecated. Please use the `_satellite.logger`
API."),n){case 3:i.info(e);break;case 4:i.warn(e);break;case
5:i.error(e);break;default:i.log(e)}},e.getVar=a,e.setVar=r,e.setCookie=function(e,n,t){var

```

(E.g., <https://assets.adobedtm.com/launch-EN1ce795381cea451fa40478e502ecce2f.min.js> (for a particular user)).

```

[],actions:[{modulePath:"core/src/lib/actions/customCode.js",settings:
{global:!0,source:'/*STORE PAGENAME IN LOCAL STORAGE FOR MDL*/\nif (typeof dataLayer !==
"undefined") {dataLayer.previous_page =
localStorage.getItem(\'previous_page\')}\nlocalStorage.setItem(\'previous_page\',
location.hostname + location.pathname);\n\n/*check for Bonvoy JOIN, set for once per
session*/\nif (window.dataLayer.mr_enrolled == "true" &&
sessionStorage.getItem("mr_enrolled_num") !== "1" &&
document.location.href.indexOf("signIn") == -1) {\n  sessionStorage.setItem("mr_enrolled",
"true");\n  sessionStorage.setItem("mr enrolled num", 1);\n}\nelse if
(window.dataLayer.mr_enrolled == "true" && sessionStorage.getItem("mr_enrolled_num", 1) ==
"1"){
sessionStorage.setItem("mr_enrolled", "false")\n}\n\n/*LOAD A SCRIPT WITH A
CALLBACK FUNCTION*/\nfunction launchLoadScriptCallback(a, c, b) {\n  var d =
document.getElementsByTagName("script"),\n    e;\n  b = d[0];\n  for (e = 0; e <

```

(E.g., <https://assets.adobedtm.com/launch-EN1ce795381cea451fa40478e502ecce2f.min.js> (for a particular user)).

95. On information and belief, the Accused Instrumentality performs the step of executing, via the at least one server computer (e.g., Marriott.com server), the received template program that is unique to the user (e.g., instructions, code, and data that is executed to create a customized user webpage) to generate the user's customized web page, the user's customized web page including real-time information (e.g., hotels information will be gathered based upon a user's search parameters) selected for the user's customized web page in response to the subsequent request (e.g., search initiation) and based on the customization information unique to

the user (e.g., a web page displaying hotels results will be created and displayed based upon a user's inputted search parameters and preferences).

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Rooms & Guests  
1 Room: 1 Adult /Room

EDIT

Map View
Currency: Default
Sort by: Distance
30 UNIQUE BRANDS
Filter by: Brand Price All Filters

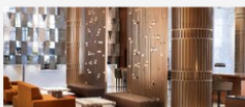
Try these filters:
Fitness center (162)
Free breakfast (64)
Kitchen (46)
Pool (159)
Restaurant on-site (112)

Showing 1 - 40 of 167 hotels
☐ Show available hotels only




**The Westin Bonaventure Hotel & Suites, Los Angeles**  
404 South Figueroa Street Los Angeles, California 90071  
0.7 miles from destination | Category 6  
Downtown Los Angeles hotel with award-winning dining, elevated venues, an outdoor pool and gym.

From **215** USD Avg./night
VIEW RATES



**Sheraton Grand Los Angeles**  
711 South Hope Street Los Angeles, California 90017  
0.9 miles from destination | 4.2 525 Reviews | Category 5



(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

Currently available  
hotels information  
retrieved from  
information source

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(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

96. On information and belief, the Accused Instrumentality performs the step of serving, via the at least one server computer (*e.g.*, Marriott.com server), the user's customized web page (*e.g.*, a web page displaying hotels results that meet a user's inputted parameters).

Destination: Los Angeles, CA, USA

Stay Dates (2 NIGHTS): Sat, Mar 21, 2020 - Mon, Mar 23, 2020

Rooms & Guests: 1 Room: 1 Adult /Room

EDIT

Map View Currency: Default Sort by: Distance 30 UNIQUE BRANDS Filter by: Brand Price All Filters

Try these filters: Fitness center (162) Free breakfast (64) Kitchen (46) Pool (159) Restaurant on-site (112)

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**Sheraton Grand Los Angeles**  
 711 South Hope Street Los Angeles, California 90017  
 0.9 miles from destination | 4.2 525 Reviews | Category 5  
**SHERATON**

(<https://www.marriott.com/search/findHotels.mi> (for a particular user)).

97. Plaintiff has been damaged as a result of Defendant's infringing conduct. Defendant is thus liable to Plaintiff for damages in an amount that adequately compensates Plaintiff for such Defendant's infringement of the '342 patent, *i.e.*, in an amount that by law cannot be less than would constitute a reasonable royalty for the use of the patented technology, together with interest and costs as fixed by this Court under 35 U.S.C. § 284.

98. On information and belief, Defendant has had at least constructive notice of the '342 patent by operation of law, and there are no marking requirements that have not been complied with.



### **VIII. JURY DEMAND**

Plaintiff, under Rule 38 of the Federal Rules of Civil Procedure, requests a trial by jury of any issues so triable by right.

### **IX. PRAYER FOR RELIEF**

WHEREFORE, Plaintiff respectfully requests that the Court find in its favor and against Defendant, and that the Court grant Plaintiff the following relief:

- a. Judgment that one or more claims of United States Patent No. 8,352,854 have been infringed, either literally and/or under the doctrine of equivalents, by Defendant;
- b. Judgment that one or more claims of United States Patent No. 5,983,227 have been infringed, either literally and/or under the doctrine of equivalents, by Defendant;
- c. Judgment that one or more claims of United States Patent No. 7,171,414 have been infringed, either literally and/or under the doctrine of equivalents, by Defendant;
- d. Judgment that one or more claims of United States Patent No. 7,565,359 have been infringed, either literally and/or under the doctrine of equivalents, by Defendant;
- e. Judgment that one or more claims of United States Patent No. 9,626,342 have been infringed, either literally and/or under the doctrine of equivalents, by Defendant;
- f. Judgment that Defendant account for and pay to Plaintiff all damages to and costs incurred by Plaintiff because of Defendant's infringing activities and other conduct complained of herein, and an accounting of all infringements and damages not presented at trial;
- g. That Plaintiff be granted pre-judgment and post-judgment interest on the damages caused by Defendant's infringing activities and other conduct complained of herein; and
- h. That Plaintiff be granted such other and further relief as the Court may deem just and proper under the circumstances.

June 28, 2020

CHONG LAW FIRM, P.A.

OF COUNSEL:

David R. Bennett  
Direction IP Law  
P.O. Box 14184  
Chicago, IL 60614-0184  
(312) 291-1667  
dbennett@directionip.com

/s/ Jimmy Chong  
Jimmy Chong (#4839)  
2961 Centerville Road, Suite 350  
Wilmington, DE 19808  
Telephone: (302) 999-9480  
Facsimile: (877) 796-4627  
Email: chong@chonglawfirm.com

*Attorneys for Plaintiff Digi Portal LLC*